

JCS98 U.S. PTO  
09/488725  
01/21/00

SEQUENCE LISTING

<110>Yuanhua T. Tang  
John Tillinghast  
Ankura Sinku  
Chenghua Liu  
Radoje T. Drmanac

<120>Novel Contigs Obtained  
From Various Libraries

<130>784

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<150>US 09/004,182  
<151>1998-01-07

<150>US 09/034,341  
<151>1998-02-13

<150>US 09/045,400  
<151>1998-03-20

<150>US 09/321,214  
<151>1999-05-26

<150>US 09/131,598  
<151>1998-08-10

<150>US 09/170,294  
<151>1998-10-13

<150>US 09/179,473  
<151>1998-10-27

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<151>1998-10-28

<150>US 09/235,076  
<151>1999-01-20

<150>US 09/234,611  
<151>1999-01-22

<150>09/210,298  
<151>1998-12-09

<150>09/221,820  
<151>1998-12-30

09488725 . 01.21.00

<150>US 09/240,371  
<151>1999-01-29

<150>09/248,797  
<151>1999-02-12

<150>US 09/277,227  
<151>1999-03-25

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<151>1999-04-15

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<150>US 09/465,877  
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<160>10289

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 <213> Homo sapiens  
  
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 <222> (29)...(691)  
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<400> 1  
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 agaaatagaa gaaaatgcag gagaatatct tcatgatcta caaatggaaa aggagttttt 180  
 taaatctcaa aggcataaat taaggcagac attaaacttat ttatatagaa tttaagtatg 240  
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 gtgcctaata ctgatgaggg attagtatct agtgtataaa aagaagcctg caaattaaga 360  
 agaaaaagat agcaatctca gtttaaaagg taggcaaagt atatgatcaa gcagtttaca 420  
 gaagaggaat cctaaagaaa tagctggcat agttagggct taaactcatt aagtgaaatg 480  
 caaattccaa caacatgaat taagtaaaaa ttagaaatag gtattatata acaccatggt 540  
 ggcaaaaatg tggaaatttg agactcctca cataggttgt agaactgtag actgctgtag 600  
 ccagtatatg catactgcat gacccagcag ttttattcct gatatgcctc ccaaagaact 660  
 tctcacactg tccatgacat acatgcaatg gtgtttgttg cagtattaa 709

<210> 2  
 <211> 411  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (352)...(0)  
 <223> similar to gil871540 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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 tttttttttt ttgaggacaa ggtctcactc tgtcacccca aggtgggagt gcagtgacga 60  
 catcacagct cactggcagc ctcaaccctg gggttcaagt gatcctctca ccttcagcct 120  
 cccaagtag ttgtgcctcc taggcacaca aactatgcc ccggcaaatt tttttgtatt 180  
 ttgtattttt tgtagaaaca ggatttcgcc atgttggcca ggctgggtctc gaacaccctg 240  
 ggctcaactg atccgcctgc ctgggcctcc caaagtgtcg ggattacagg tgtgagccac 300  
 cctgctcaac caggttttat tatttaagtt agttaaaact tggatagatt gtataatata 360

tagtttaatg taatcatgct catatTTTTT aaataaataa aacactatac t

411

<210> 3  
<211> 865  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (20)...(861)  
<223> similar to gil840045 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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gtcgtggaat tgcgcttcca gctgtcttct gtgagtgtct gcctgacagt ttcctttggc 60  
tggcagctag gcactgtgtc ttcctgtctc tctagggact ggttcttgaa gggaaacctc 120  
ctcatcatca tcgtcagtgt gttaatcatc ctgcccctcg ccctcatgaa aacttgggc 180  
tacctggggg acaccagtgg tctctctctg acctgcatgc tgtttttcct tgtttcggtc 240  
atctacaaga agttccaact tggctgtgct ataggccaca atgaaacagc aatggagagt 300  
gaagctctcg tgggactccc cagccaagga ctcaacagca gctgtgaggc ccagatgttc 360  
acagttgact cacagatgtc ctacacagtg cccattatgg cttttgcttt tgtctgccac 420  
cctgaggtgc tgcccatcta tacggagctc tgccggccct ccaagcgcag gatgcaggcc 480  
gtggccaacg tgtccattgg ggccatgttc tgcattgtat ggctcacagc aacctttgga 540  
tacctcacct tctacagcag tgtgaaggcg gagatgctgc acatgtacag ccagaaggac 600  
ccgctcatcc tctgtgtgcg cctggccgtg ctgctcgcg gtgaccctca ctgtgccagt 660  
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ctggccacga catgtggcca tagctctgat cctgcttgtt ttgggtcaatg tccttgtcat 780  
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catcttcac cccccagct gtatt 865

<210> 4  
<211> 770  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (63)...(732)  
<223> similar to gi577221 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 4  
cccaaccctc tcatctactg cacctgctgg gaccctgga acttgggacc acggaagcta 60

09486725.013100



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atcaagaccc ctcaactacc acgcaagaac tccacagggg gttccaagct aactcctctt 120
ctaccagctc caaaaaatca caattacctc caaccaacaa aacctgttgt tccccaaaa 180
atgaaaatcc attcagcaag gcaagaagag actaataaat catthttatga agtgatcaac 240
gtgtcacctg ggctatcaac ttgttcggaa tcgggaacag atttctgttc accttagggg 300
atgagatggt tgatagggaa aaagcgggtg gaatcggaga tcccggacaa aggcagattt 360
tccaggacca acatcatttc tgacctagaa gagcaaatct cagagctgac agcaataatt 420
gaacaaatga acagagacca ccagtctgcc cagaaattgc tctccagtga aatggatctc 480
cgctgtgctg agatgaaaca gaactttgaa aacaagaaca gggagctcaa agaggcccat 540
gaagcagaac tcagtgaagt ggagaacaac tacaagcag ccttgaaggc agagaagttg 600
gctgcccaag agaagctaga ggagatggga aaagaatata agtatttgaa gaatatgttt 660
cgtacgtatc aggacagtat ttatgatgaa atggaagaga agtgggtcaa acagaaggcg 720
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<210> 5
<211> 2513
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (2212)...(407)
<223> similar to gi557822 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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tttttttttt ttaaatttaa aaagatgtcc tcaactgcaca agtgatctac gggctacagg 60
caaggatggg agacggaggc ttcaacacaa ctcatcgac ttagaaccgt tactaaccga 120
aacaccattt gcttgtcaac aatgtaccct tgacagcagg gagaaacttc tttatagtct 180
ctgcttcaga caagatttac agctttctcc aaggccagag gccaatgtg accacaagtc 240
ttgtttcttg tccaccagac ccaatcctct ggcacctgt accccccgtt cctcagcaat 300
atgctcggcc taggttccag aggcagctgg aaggaagcag ctatgggctc attcagttct 360
gtttgcccac atccagaagc cctaggaaag tcccgctctga gtcttgactc ctgacccttg 420
cagtggctgg agtcgggtact ggtgcacacc cccactccca cgggtgtgggt agtgctgtga 480
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actgatagtc cgtaagtctg atggcaatga cgacctagag ttctgaggaa aggaggtgga 600
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ctgcagggtg gggctagcag cactagaagg gcagctcctc cttggaagat tgctgccagt 720
gctgtttcca gaatgtggct ggctgctaaa ataccctgggt gtccccgtaa atggggccaa 780
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gcctctggaa tctgatgggc ttaccgcctc caaatgggac atagaggaat gagatgggga 1320
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ctccagcagg gatacttttt tcctctgtgg tgggttctgg ggggcagatg ggactccttc 1560
acaggccctt tcaccaccag gtgacaagga tccacgagag aggtctttca ttaagccatg 1620
ttcatactctg ctggaaaatc cttctgcagg ggaacaatat ccccatcca aatgtaaagg 1680
cttcctatcc cccactagag gagatcctcg atacagtcca tctgctcgag gcatagcatt 1740
caaaggggag taggcataca tcaagttgaa ctctgtccga aatgcctggg ctgagtttct 1800
cacgaggggtc tgatgtccat ctccacttct gcttgggaaa ccagtctcag aagtgggtcc 1860
gagggagggga tgaggagcca ggtcagaatg actgagttga gtaggggaagg tctatcagca 1920
cagctgttag tgttggagtc aaggtatcct acttttgcca aatccagggtc ttttcgggtga 1980
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gggccttcga cgtctctcag ggataaaggg tgagccaaag cgaatggagg gttttggggt 2460
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<210> 6
<211> 371
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(372)
<223> similar to gi3600073 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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tgcaaggaga ttcttcatta gatttccccg cagcaattga tcaaagaggc agaagctgag 180
ttgcaacttg tagaacagat gcttcagcag agacatgcct catggctgta gccgcaaaag 240
cctttgctta ttcttcatac ccctcattct ccaacaggac tcctgggcca gtgcttagac 300
aagtctgtat cagtaataga atggctcttt ctacctaata aaacagttaa aaccttgcaa 360
gcctatcttc c 371
```

```
<210> 7
<211> 359
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (112)...(9)
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<223> similar to gi807677 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7

ctttgcagat	ataattaagt	tgactaatca	ttaaaataag	gagactatgc	tagatatcta	60
gatgggcca	atgaaagcac	atgaactcta	aaatgcagaa	gataacaagg	gcccagaatg	120
gccaaaaca	tactgaaaaa	gaatgtaaga	aaactgacat	ttcctaattt	caaaacttac	180
tacaaagcca	tggttaattac	tacagcgcg	tactggcaca	aggaaagtca	tagaaatcaa	240
cggaatagaa	ttgagattcc	agaaataaac	ccatacgtct	tctgtcaact	gattttccat	300
aaaagtacca	agactactca	atggagaaaa	gaagagtctt	ttcaccaaat	agtgccggg	359

<210> 8

<211> 607

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (22)...(610)

<223> similar to gill196425 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8

aaaggaaaga	gtaactcttc	ctgcactagt	ggtcactgta	acccattgaa	ctactaatta	60
ccaatcccct	tgatccctgc	tggaaaacag	gagagtatgt	aactctagga	atcgatggaa	120
ctggactgga	tccctgagta	aatatcttag	tccaagggga	ggtccacaag	cgatcttcca	180
aaccagtgtt	tcagaccttt	tatgatgagc	tgaatctgcc	agcaccagag	cttccacaaa	240
aaaggacaaa	gaacttggtt	ctccagttag	cagaatatgt	agctcattcc	ctcaatgtta	300
cttcctgtta	tgtatgtgag	ggaaccacta	tgggagactg	atggccttgg	gaaacccaag	360
aattagtgcc	tactgatcca	gttcctgaca	taattccagt	ccagaaggcc	caaactaaca	420
acttttgggt	cttgaaaacc	tctattaatg	gacaatactg	catacctaga	aaaggaaaag	480
acttcaccat	ccctgtagga	aggctcaatt	gtctaggaca	gaagctgtat	aaaagcataa	540
cagggacaca	gggacagtca	cctggtgggg	gtctaaacca	tactgaaaat	aatcccttca	600
gtaaatt						607

<210> 9

<211> 379

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(380)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (3)...(379)

<223> similar to gil698455 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 9

gtgagatcac	taataacttta	tgaaaagttt	atggggacaa	tgccccaag	aaatcagctg	60
tttacaaatt	gataactcat	ttttaacaag	ggatcagatg	atatggaagg	taaagccaat	120
ggcggcagat	catcaacatc	aatttctgag	gaaaaaatct	cattcctgct	ctaattgaag	180
aggacctatg	attaacaaca	gaaatgatag	ccaacaccac	agatatctca	actgggttcag	240
cttatacaat	tctgactgaa	aaattaaagt	tgagcaaaact	ttccactaga	tggaatggcaa	300
aaccactgca	cccagatcag	ctgcagacaa	gagcaaaaact	ttcaatgaaa	tgttaaataa	360
gtgggatcaa	gaccctgan					379

<210> 10

<211> 337

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(337)

<223> similar to gi3327112 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 10

agtggagccg	cacagcccgg	ggctggcagg	ggccagccag	gcgcagccca	gccttccagg	60
gctgcaggca	gtggcagtag	atgtaagcca	gaactatctc	acggcagtg	cccgaacttc	120
gtgtgtcccc	ccaaaacttg	tacctggctc	aggtgggtgg	cctggcagcc	aggtgagatc	180
cagtgaggac	tagggttctg	ccttcccggg	cagagcgagc	agcaacgact	ccttcgagca	240
gagcattaag	gcggaaatag	aacagcttct	gaatgagaag	agatagcatg	cgacccaaaa	300
atgtgatggg	gtcaatagat	aaaaaaccag	acccaaa			337

<210> 11

<211> 340

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (129)...(341)  
 <223> similar to gi2065210 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 11  
 gcagatcaga aaaaccttgt aaatgtccat ttataaagaa tgactgttgc agagtgaat 60  
 gaatgatgga agttcatgtc gctccacaga gcacttgctg gacatgatac agaatgaagg 120  
 ggacctgctg catttctgga gggattgcag aggacttcaa ggaagcaggg atggtgattc 180  
 ctaccacatc cccattcaac tctcctatctt ggcttatgca gaagacagat ggatcttgca 240  
 gaatgacagt ggattagcca ggtgatgact taagcttaac gtaagcttaa ctaggttgta 300  
 attccaactg cagcggctgt accagaggtg gttgcattgc 340

<210> 12  
 <211> 1130  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (10)...(1132)  
 <223> similar to gi2662167 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 12  
 gtcaaacaag aaccagggtt tgaggaggaa gtcattattg ggtcctgggt ctgggcagaa 60  
 aaagaggcca gtttgagggt tggagcttca gcaatctgtg aatctgagcc aggaactgag 120  
 gagggggcca ttggcggatc cgcgtactgg gctgaggaaa agtccagttt gggggctgtg 180  
 gccagagaag aggccaaagg ggagtctgaa gaagaggcca tatttgggtc ctggttctgg 240  
 gacagagatg aggcctgctt tgacctaaat cctgtcctg tgtacaaggc cagtgatagg 300  
 ttcagagatg cagctgagga gcttaatgca tcctccaggc cccaaacctg ggacgaggtc 360  
 actgttgaat tcaaacctgg tctttttcat ggggttggtt tccgatccac aagccccttt 420  
 ggaattcccg aagaggcttc tgaaatgctt gagggcaaagc ccaagaacct ggaacttagc 480  
 ccagaaggag aagagcagga atctttgctt cagcctgatc agcctagtcc tgagttcaca 540  
 tttcagtatg atccttccta ccggtcagtc cgggaaattc gagagcatct tagggccagg 600  
 gagagtgcag agtctgagag ttggtcctgc agctgcatac aatgtgagct gaaaattggt 660  
 tctgaagagt ttgaagaatt ccttttatta atggacaaa ttccgggatcc ttttattcat 720  
 gaaatatcta aaattgcaat gggatatgaa agtgcttctc aatttaccgc agatttcatt 780  
 cgagattcag gtgttgtctc acttattgaa accttgctta attatccatc ctctagagtt 840  
 aggacaagtt ttttggaata tatgattcac atggctccac cttatccaaa tctaaacatg 900  
 attgagacat tcatatgtca agtgtgtgag gaaacccttg cacatagtgt ggattccctt 960  
 gagcagctga ctgggaataa gggatgcttt agacacctca ctatgactat tgactatcac 1020  
 acaactgatt gccaaactaat atgggtccggg gtttcctctc cttttttaac cacaagccca 1080  
 atgcggagaa acgaagtctc acgttctgaa aatgctattg aatttgtctg 1130

<210> 13  
 <211> 374  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> similar to gi498721 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 13  
 ggagagaaac cttataaatg taatgaatgt ggtaaagctt ttattgaaaag gtcaaacttg 60  
 gtttaccatc agagaaacca tactggagag aagccataca aatgtatgga atgtggcaag 120  
 gcgtttgggc ggcggtcttg cctcactaaa caccaacgaa ttcattctag tgaaaaacct 180  
 tataaatgta atgagtgtgg caaatcttac attagtcgct caggcctcac taaacatcag 240  
 ataaaacatg ctggagagaa ccttacaact aaactcaatg tggaaaggcc gttagatggt 300  
 gtcctaacct ctgggatccc caaataattt atacttactc atatagcttg tatatttgtc 360  
 ctttcccttt gaag 374

<210> 14  
 <211> 282  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(281)  
 <223> similar to gi3599339 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 14  
 agcatttgat aaaattcaac atcattctat gattaacaaa cctcaaaaaa actgggtata 60  
 gaaggaatat acctcaacac aataaaagcc atatacagca gacccagagg tagtatcata 120  
 ccgaacggga aaaatgaaag cctttcctct gagatctgga acaagacaaa tatgccact 180  
 tttaacactg ttatttaaca tagtactgga attcctagct agagcaatca gacaatagaa 240  
 atgaaggcat ccacctcgga aggaagaagt taaattatgc tt 282

<210> 15  
 <211> 364  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(362)  
 <223> similar to gi3599339 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 15  
 ctagcatagt actcaaagtg ctagccagag caagtgggcg aaggatcgaa gcggcagggtg 60  
 cattggtttg gaagaagtca acttttcctt gttcatagat gacatgatct tacatatgaa 120  
 aacctttaaa aacaggaaca taaattagaa aaccttaag atgccaccag aaagacctgt 180  
 taaatctaata acatgaattc actgaagttg caggatatga aatcaactta taaaaccag 240  
 tattggtttt atgtactaat agggaaactac ctggaagaat tatcaagaaa actctattta 300  
 caatagctat gagaaaaata cttagaaata aatttaagca aggaggcgaa atatctgtac 360  
 attg 364

<210> 16  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (4)...(290)  
 <223> similar to gi2981631 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 16  
 cgctggcaca gacataggca catgaccaat gggccagagt agggaaacca gaaataaagc 60  
 caaataccta acagccaatt gatcttcac acagtaagca taatcaaggt agggaaagta 120  
 caccctatac accctatagt cctgggataa ttggcaagcc acatgtaaaa gaataaaaat 180  
 ggattctcat ctctcacctt ataaaaaatc aacacaagat ggggtcaaaga cctaaatcta 240  
 aggtctgaaa ccataacaat tcagaagata gctttggaaa acgcttgtag 290

<210> 17  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (5)...(355)  
 <223> similar to gi1334115 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 17
caatcaactg tatacaatca acatctgtag actacttcat ccaacaacag cagaatacac      60
attcttctca agttcacata gaacattcaa gacagaccac aagctagggtc ataaaacaca      120
tcttaaaata aatttaaaaag aatataaaatt acacaatgtc tgctctttaa gcagaaatca      180
ttaacagtaa gaaaaccgga aaatcccaaa atacatgaag attaaacaac acacctctaa      240
ataacacata gatcaaagac gatatctcag gataaatattt aaaatatttt gaattaaatg      300
aaaatgaaaa cacaagttat caaaattgtg agatgtagta aagcagtgtc tgtagg      356
```

```
<210> 18
<211> 678
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(675)
<223> similar to gil698455 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 18
tgctgagttt ggctgcaaga atggtgaaat cattgatact ttacaagaca ctaatcagga      60
cagtgcccca aaggaatcag cagtttacia atggatataa cctgttttca gaagagacaa      120
gattaatttg aagatgaagc agtggcggac catccatgtc aatttatgag aaaaaaattc      180
attctgttca tgccctaact gaagaggact gacaacagca caaacaatag ccaacatcat      240
agacatctca actggttcag cttactcaat tctgactgaa agttaaagtt gagcaaactt      300
tccactcaat gagtgtcgaa accctcatgc ccagatcagc tgcagacaag agcagagggtt      360
tcaatggaaa ttttaaacia gtgagattaa gatcctgaag catttcttga aagaattgta      420
acaggagata aacctatggc tcaccagtac aatactgaag actaagcaca atcaaagcaa      480
tggtaccxaa gaggccgaag tgggtccatt aaggcgaaag tggaccagtc aagagcaaag      540
gtcatggcaa cagtgttttg ggatgccaaag acattttgct cgttgacttt ctggagggcc      600
aaagtgcagt aatgtctgtt tattatgttt tgagaaagtt ggccaaacct ttagtagaaa      660
aatgtccagg agtgattt      678
```

```
<210> 19
<211> 359
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (3)...(362)
```



<223> similar to gil808582 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 19  
ggaaaatgat gatttgaggt ttatttgaaa tacaacaatg tccaatagga aaacactgca 60  
actttcttca ggtgttgaga aatccaatag agacctctgc ttgtctcctc ctttggcaag 120  
agctccaagg ggagagagag gatgggccac cacgatgaat actacaggct gcggggaagg 180  
ataaccctag tccagaccat tcctacaaaa gaaatgggga atccgaaagg aaaaggaaga 240  
aatctcacta gcacatgtca aagagccagg agaggcaciaa ttcaccaagc agaggaagaa 300  
atagtgaccg cagcgggggc cgggtgcagcc gcagtgataa cggtcgggagc cgttacagg 359

<210> 20  
<211> 372  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(373)  
<223> n = a,t,c or g  
  
<220>  
<221> misc\_feature  
<222> (6)...(52)  
<223> similar to gi3954942 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 20  
nttttcaggc tgtgacagtg aggaactcca tggctaagtc tctgtatagt gccctgtttg 60  
actggatagt ttttcgaatt aatcatgcac ttctgaatag taaagattta gaggcataata 120  
ccaaggtaat gatatatattg attataatat gtttttcctt gaaagctatt ttaataaact 180  
ggttaatata tgaaatttaa aaacacagaa ttatatagag taataagtaa gaaatcgctt 240  
ttatttgtaa ttattacccc tggtcagaag aattgttctg tgtgtctttc cagacctttt 300  
ttattatgtg tttttacctc ccgaacgtgt atattcagag ttgcttttaa aaatgtaaat 360  
agaatcaagc tc 372

<210> 21  
<211> 383  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature

<222> (1)...(385)  
 <223> similar to gi2072972 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 21  
 cggcacgagg aaataatddd tatcagagca gaactaaatg aaatggaaac ggaaatatag 60  
 actaaaagag attaacaaaa tgaaaacttt ggtdtttctga aaagataaaa tagataaacc 120  
 tttagctaga ccaagagaaa aacagaaaag acccaaaaaa aattagaaca aaaaggagac 180  
 attacaattg ataccacaga aatagaatca ttagagacta ttaggaacaa ctaacaacaa 240  
 cagattcctg gacacatata atcaaccaag atagaatgag gaagaaatat aaaacctgtg 300  
 cagaccaata attagcaatg agattgaatc agtaataaaa agcctcccaa caaagaaaag 360  
 cccaggatca gatggcttta cca 383

<210> 22  
 <211> 383  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(384)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (7)...(296)  
 <223> similar to gi2981631 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 22  
 atgacttcaa tacctgactt catgatttat tataagggtta tagtgataaa gacagtgagc 60  
 tattaccata aagatggatc aatggcccaa aacagactcc agaattagac ctactcatct 120  
 gtgtcaactg atttttgaaa aggtgaaaga ggtagtttag tgaaagaaaa gataatcttt 180  
 tcaagaaata atgctgtaac aattgacata cagatgcaaa aacaacaaca gtaacaaaga 240  
 actgaggtct atacttcaca ccatgtaaac aaattaactt gaaatggatt agacctaat 300  
 gtaatactga aactcaaaaa cacttagaac aggagaaagn ttttgtgac ttaggttagg 360  
 caaagatttc ttaaatacaa cac 383

<210> 23  
 <211> 384  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (52)...(310)  
 <223> similar to gi56590 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 23  
 atcagacttg taaaaattta aaaagacaaa acattctatt aggaaaacag gctgcttcat 60  
 acttatcaga aggaacacaa attggtacat gccagctgaa gggaaatttg gtaatatgta 120  
 acaaaccgca taggcataaa cctttcaacc cagcaatccc actattataa atgcaccctg 180  
 acgttcccaa tgataagaaa atatatatgc acaaagatat tcattgcagc atcatttata 240  
 attgcaaaat cctaggaaca acgtaaatgc tcatgcacaa gagagcagtt atatcaacta 300  
 cagtatatca acataaggaa gtaaaagaga atgagaaagt cctctatgaa ctgataggag 360  
 caatttccca caatatactg tcat 384

<210> 24  
 <211> 390  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (21)...(385)  
 <223> similar to gi439877 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 24  
 atatgtgtaa agagtaaaaa ataaagcgtc tagcagacaa cataggagaa tatcttcatg 60  
 actttgaggt aggacaaaga ttattgaac aggacttaaa atgtctaact gtaaaggaaa 120  
 agactaataa tctggatttc actgaaatta agagcttggt ctctactag acaccattaa 180  
 gacagaacag gcaagcccca gagtgggaga aggtatctga aaagcatata tccaataaag 240  
 gggtaatctc cagaataaag aattcctcta atcaatgaga cgacagatag tccaaatgaa 300  
 aaagaggtaa gacttgaatt gaatgtaacg aaacagacta tccaaattgc caataaatgt 360  
 aagaagaggt gctcaatctc attaatcacc 390

<210> 25  
 <211> 525  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (345)...(527)

<223> similar to gi2072961 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 25

ggcacgagaa	ctggtgctta	atttaatgcc	aattcatgat	gtaggtttct	aagcagcaca	60
taaaaggggc	tttttaggta	gcactgagta	ctttactaaa	aatacaaaaa	ttagccaggg	120
gggggggtgc	acgtctttta	tcccagctac	tcagggcggg	ggccaggggg	tggggtaggg	180
tgggggctga	gacaggagaa	gcacttgaac	ccaggaggcg	gaggttgca	tgagctgaga	240
ttgtgctact	gtactccaac	ctgggcaaca	aacagagtga	gacactgtct	caaataaata	300
aataaataga	taaataaaaat	aaaataaaaat	aaaaagaact	cgaccctttt	tacaatagct	360
aaaggaaaat	aaaataactta	agaatatact	taaccaagga	ggtgaaagac	ctctacaaag	420
aaaactacaa	aacactgctg	aaagaaatca	cagatgacac	aaacaaaaaac	acatcccaag	480
ctcatggaca	ggtagaatca	atactgtgaa	aatgactata	ctgcc		525

<210> 26

<211> 371

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (352)...(332)

<223> similar to gi2065210 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 26

tcaacaccat	gtatcaacca	ctgatctgac	cacttatagg	acagcacccc	aacttcacaa	60
gatgttgtct	cccagcaggc	tccataaatg	agccttcgat	aggacatttc	atcattccat	120
caatctagct	gcttccaggt	agaacaatg	aattctacga	tgtgagcgta	ataccacagc	180
tgtttctactg	taaatgagtt	ccttgatcag	tgacaatgct	gtgtgtgaca	ccatggggat	240
gaataaggca	gcctatcaac	cacatatggg	aatgctggcg	gaagcaacat	gcacaggaaa	300
gggaagttag	tctccagtat	atgtaattat	tcccatgaag	acaaattcct	gccccctcca	360
taatgtagtg	g					371

<210> 27

<211> 375

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (9)...(359)

<223> similar to gi2197085 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 27  
caagaaatct gaaactaata agtgagtatt gcaagatttc aggataaaaag gttaatatag 60  
aaaatcaatg ttttcctata tatcagcaat ggacaagtgg aatttgaaat taaaaacaca 120  
ataccattgt gagcacacac ctaaaaaatg aaatacttag atataaacgt aacaaaatat 180  
gtacaagatc catatgaaga aaactacaaa attctgatga aaaaaatcaa agaacagatg 240  
gagatattcc atgttttatag atagaagatt gaataccaag acgtcagttc ttcccaactt 300  
ggaataatag attactgcaa tcccaataaa aattctagca agttattttg tagacacaaa 360  
ctgattatga agttt 375

<210> 28  
<211> 447  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (117)...(449)  
<223> similar to gi5726238 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 28  
ataggaaactc gcgtgactgg gaaaacaccg tctgcactgg gaaaccactt cctacttttg 60  
gcttcgaggt caggacttcg agtcgagcac gaggagagag ctaggagctt cactaccctg 120  
atgggtatgg cgacgccac aagggttagg acaatcctct gatctgacat ggagatataa 180  
tgttactgct aaatcagaca ctaacgcca atgagagaag tgccatcata actgcagccc 240  
gagagtgttg cgatctctgg tatctcaggt caatgatagg atgacaacag aggaatgaga 300  
acgattcccc acaggccagc aggcagttcc cagtgtagac cctcactggg acacagaatc 360  
agaacataca gattggtgcc gcaaacattt gctaccttgc gtgctagaag gactaacgaa 420  
aactaggaag aagcttatga attattg 447

<210> 29  
<211> 355  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(356)  
<223> n = a,t,c or g  
  
<220>

<221> misc\_feature  
 <222> (24)...(358)  
 <223> similar to gi5726238 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 29  
 gagagagcta ggagcttcaa taccctgatg gctatatattga tgtttttacaa ggggttaggac 60  
 aatcctctga tcctgacttg gaaatataag gttactgcta aatcaaacc taccgccaaa 120  
 tgaaaaaagt gccttcttac ctgcacccca aaatttggcc aacctctgga atctaagggtc 180  
 attgatagga tgacaccgaa ggattgaaac caattcccaa cagcccacaa gcaattccca 240  
 atggaaaacc ttactgggac cccgaatccg aaccttccga ttggtgccgg aaacatttgc 300  
 taccttgcgt gctataagga ctaaggaaaa ctaggaagaa gcttatgaat tattn 355

<210> 30  
 <211> 410  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(387)  
 <223> similar to gi5360532 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 30  
 ggcgcgcgt cgcacccagg gtggctgggt tggcagcctg gcgggcggcg cggaggagag 60  
 ggcgcagggg tccttctggc cgtcttccgc tccccctccc ggcttttact tctgtcaggc 120  
 cccgcctggc ccaggcccgc agcctgtttc cttccacctg ggcggtcgcg gggctgcggg 180  
 cattggggcc ccttaaggaa acccaggcct ccagggactc cgccgctcca ggactcggcg 240  
 cggagggaat gactgagcga cgaccgaggc agggggtgat gtggtacctc gaatgctgtg 300  
 gaaatggcag gaatgatgac ccggccggac cttagaccgc agatcgatga gaggccgcca 360  
 gcactgcccg ggaaaccggc cggctcttct cccccctcctg ctgcggccgc 410

<210> 31  
 <211> 1304  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1244)...(516)  
 <223> similar to gi2388676 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 31
tattcagtga ttgtctagag agggctacta agattgtacc ttctaaactg tattgtcttt 60
ccttattcgt atgagttggc atggcttctt ttatcactaa ttccttttct ggaaaggggt 120
aaaaatagtt atgacagttt tgggaagggt cgttttcaga ttagctgttt ccagagctga 180
aggtaatcat ttattcaagg cctgatgagc tggagtttgc agcaggagta ggagttaatg 240
aagtattgat acttggtaac cctttttgta aaaaaaaaaa attttaattt tttttttata 300
gagacagggg tctccctatg ttgccaggc tggcctcgga actcctgggc tcaagggatc 360
ctcccacctt ggctcccaa agtgctggga ttacaggcag ccatgccag ccagggcaga 420
catttttatg cacaactttc tgtggggctc aagtgcacct atgatacata aattttacag 480
ttcttgatcc ccaaacagag caggaggcag ggtgcctggg gccagggttc ctttggggaa 540
atgtggctct tgaggtagag tcacagatgc cggagggtga ccagcactac tgggggagag 600
atctcctctg gggagagatg catgccaaaag gtccctcttg cattcctcat acctcttgat 660
gcggacagag ggggtgtccag ctgaatgatg tggggccccc gcatcctctg cagctggggc 720
cgagtcagct tccgtggcct gctgtcccgg ggctcctcgg cccctcaat cctttggctg 780
gccagctcct cccggatctc tctgagcatg tcctcagccc gcattggggc cagggatgtg 840
tggccagctt tcaggaacag aggccctct tcttctcct cccctgagga ctcccagggg 900
ctttccccgg cagagtcagc atgggttggg gaggagggaa gctggccccg aagccggggc 960
ctgtggagtg tttccaccac cacattccct cgctcggagg ccccatcttc ttcctcagac 1020
caggttggtg ggtcttcctg gggaagactg cctccttcta ggattccttc cggcagttcg 1080
ggggcgcttc ggcgttgagg agcttggggg tcgggagggt ggggacgcag agggatgtcc 1140
cggagttcca ggggtggagaa ggtgaggcga ggggcccgcc gaagggtctt ttggcgtaga 1200
cggctcagtg gggagcggga ccccggtggg gtgcctggga tcaaagtgcc gtagccagag 1260
tctgaggtat catctggcac aaggggagca tcttcatctg tgtc 1304

```

```

<210> 32
<211> 352
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(354)
<223> similar to gi2065210 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 32
ggaagttaag atagtcctg tccactctga gctcctcatg cctctgaata gacaggcaaa 60
gaagggagtt accgtgctgg cagaggtggt tgatcctgac taccaagggt taattgcttc 120
tactccacag aactaagaaa taatacttct ggaatacatg ggatctccta ggggtgtcttc 180
agtgtacct actaccatgc cctgtgatta atttaatgga aaactacaac aacccaattc 240
gggcacagct gccaatggcc caattccttc aggaaggaaa gtttgggtca ttgccccata 300
taaagaatca agaccaactg agttgcttgc tgaaagctaa gggaatacag aa 352

```

<210> 33  
 <211> 1398  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (7)...(1353)  
 <223> similar to gi3881305 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 33  
 gcggccgcat tcctgcaggg gatgactgtg aatggcttca tcaacacagt catcacctcc 60  
 ctccgagcgc cgctatgacc tgcacagcta ccagagcggg ctcatcgcca gtcctacga 120  
 cattgccgcc tgcctctgcc tcaccttcgt cagctacttc gggggctcag ggccacaagc 180  
 cgcgctgggt gggctggggg cgtgctgctt atgggcacgg ggctcgtggt gttcgcgctg 240  
 ccccaactca cggctggccc ctaatgaggt tgggaagttg acgcgggtgt caggacgtgc 300  
 cctgccaaacc ccggcgcggg tgtgtgccgg acagcacctc gggcctgtcc cgctaccagc 360  
 tggctttcat gctgggccag ttcttgcatt gctgtgggtg cacaccctc tacacgctgg 420  
 gcgtcaccta cctggatgag aacgtcaagt ccagctgctc gcccatctac attgccatct 480  
 tctacacagc ggccatcctg ggcccagctg ccggctacct gattggaggt gccctgctga 540  
 atatctacac ggaaatgggc cgacggacgg agctgaccac cgagagccca ctgtgggtcg 600  
 gcgcctgggt ggctcggttc ctgggctctg gggccgctgc tttcttcacc gccgttccca 660  
 tccttggtta ccctcggcag ctgccaggct ccagcgcta cgcggtcatg agagcggcgg 720  
 aaatgcacca gttgaaggac agcagccgtg gggagggcag caaccggac tttgggaaaa 780  
 ccatcagaga cctgcctctc tccatctggc tcctgctgaa gaacccacg ttcctcctgc 840  
 tctgcctggc cggggccacc gaggccactc tcatcaccgg catgtccacg ttcagcccca 900  
 agttcttgga gtcccagttc agcctgagtg cctcagaagc tgccaccttg tttgggtacc 960  
 tgggtggtgcc agcgggtggt ggccggcacct tcctggggcg cttctttgtg aacaagctca 1020  
 ggctccgggg ctccgcggtc atcaagttct gcctgttctg caccgttggtc agcctgctgg 1080  
 gcctcctcgt cttctcactg cactgccccca gtgtgccccat ggccggcgctc acagccagct 1140  
 acggcgggag cctcctgccc gaaggccacc tgaacctaac ggctccctgc aacgctgcct 1200  
 gcagctgcca gccagaacac tacagccctg tgtgcggctc ggacggcctc atgtacttct 1260  
 cactgtgcca cgcagggtgc cctgcagcca cggagacgaa tgtggacggc cagaaggtgt 1320  
 accgagactg tagctgtatc cctcagaatc tttcctctgg ttttggccat gccactgcag 1380  
 ggaaatgcac ttcaactt 1398

<210> 34  
 <211> 1579  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1580)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature



<222> (1)...(1579)

<223> similar to gi3550456 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 34

gatttttctg	acaggatcaa	tcgtgccctt	gctgcagcaa	agaaggataa	tgacttcatt	60
tatcatgac	gagttccaga	ccttaaagat	ctagatccta	ttggcaaagc	cacacttggtg	120
aaatctaccc	cggtaaatgt	acccatcagt	cagaaattta	ctgatctggt	tgagaagatg	180
gttcccgtgt	cagtacagca	gtctttggct	gcctataatc	agaggaaagc	cgatttgatt	240
aacagatcaa	ttgctcagat	gagagaagcc	accactttgg	caaattgggt	gctagcttcc	300
cttaatcttc	cagcagcaat	tgaagatgtg	tctggagaca	ctgtacctca	gtctatatgt	360
actaaatcca	gatctgtgat	tgaacaggga	ggcatccaga	ctgttgatca	gttgattaaa	420
gaactgcctg	aattactgca	acgaaataga	gaaatcctag	atgagtcatt	aagggtgttg	480
gatgaagaag	aagcaaccga	taatgattta	agagcaaaat	ttaaggaacg	ttggcaaagg	540
acaccatcca	atgaactgta	taagccttta	agagcagagg	gaaccaactt	cagaacagtt	600
ttagataaag	ctgtgcaggc	agatggacaa	gtgaaagaat	gttaccagtc	tcatcgtgac	660
accatcgtgc	ttttgtgtaa	gccagagcct	gagctgaatg	ctgccatccc	ttctgctaata	720
ccagcaaaga	ccatgcaggg	cagtgaaggt	gtaaatgtct	taaaatcctt	attgtcaaata	780
cttgatgaag	taaagaagga	aagagagggt	ctggagaatg	acttgaaatc	tgtgaatttt	840
gacatgacaa	gcaagttttt	gacagccctg	gctcaagatg	gtgtgataaa	tgaagaagct	900
ctttctgtta	ctgaactaga	tcgagtctat	ggagggtctta	caactaaagt	ccaagaatct	960
ctaaagaaac	aggagggact	tcttaaaaaat	attcagggtct	cacatcagga	attttcaaaa	1020
atgaaacaat	ctaataatga	agctaactta	agagaagaag	ttttgaagaa	tttagctact	1080
gcatatgaca	actttgttga	acttgtagct	aattttgaagg	aaggcacaaa	gttttacaaat	1140
gagttgactg	aaatcctggt	caggttccag	aacaaatgca	gtgatatagt	ttttgcacgg	1200
aagacagaaa	gagatgaact	cttaaaggac	ttgcaacaaa	gcattgccag	agaacctagt	1260
gctccttcaa	ttcctacacc	tgcgtatcag	tcctcaccag	caggaggaca	tgcaccaact	1320
cctccccaca	ctcatcgccc	ttaccacgct	actcctacct	atctcccctt	ttatactaata	1380
aatcttataa	aangacaaaa	aacctaaagc	aacttcaatt	cctacacctg	cataaaaang	1440
gggggggggc	ccgtttttaa	gaatcctctg	gggggcccac	ttattggcgg	tgatagagaa	1500
ataatttctt	tttttttttg	ggggcgattt	ataaccccc	cgggggaatt	ttgaagaaaa	1560
catttttttt	tgggggaaa					1579

<210> 35

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (9)...(398)

<223> similar to gi5834564 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 35

acgcgtgcc	acaccaacat	ccatcatgcc	ctatgctcag	cctggacctg	ctgtatgaga	60
tggaccccg	agtactgggg	gactcactgg	atatatgtta	ttcgagctac	ttcatgttat	120

```
ctagccctgc tctgacttac gccacatcct acggacgcgc tgcttacata gagcatgagc 180
gtacctaggc ttggctcttg acgtggactg atgtgataaa ctcgctgaat atgactacta 240
gcctgaccca ccatgcccc a ggctcagcag ggagctcctg gaggtagtag agcctgaagt 300
cttgaggagc tcaactggata gatgttattc aactccttcc agttgtcttg aacagcctga 360
ctcctgccag ccctatggaa gttcctttta tgcattg 396
```

```
<210> 36
<211> 413
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (23)...(416)
<223> similar to gi2072966 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 36
aaggagaaat aaaaatgaaa gaaaaaagag agaacagaat atccaagaac tgtgggacaa 60
ttgagaagga tgtaacacgt tatttgaata ccacaagaat tagaaaagcag caggagagat 120
atgtgaagta gtaattggcca agaattttcc gaagttgttg acagatgcaa aactacagaa 180
ccaggaaact cagaggacac caagaagaat aaataccaaa atatatacat ctatgcacat 240
catcttcaaa tgcaggaaaa gaaagacaaa tagaaaatac tgaaagaagc cacaaggaag 300
gaaaatacta gaggaataaa aataagaaat cttatcagaa accatgcaag aagagagtgg 360
agtgagatat aaagtgttca gagaaaaact actaacctag tcttctgtat ccg 413
```

```
<210> 37
<211> 369
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (8)...(365)
<223> similar to gi483916 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 37
aatagaagta actatacttg catcagatag aatagatttc aagtcaaaaa ctagaaaaag 60
acgtagggtca ttacataatg ataaagggtc caattcagca agagcatata aaggttataa 120
atatatatgc aaacagtatt ggagcgggtca gacgtataaa gcgtaataga tttagtaaag 180
ggagagacag acggcgacac aataatagct gaagactgag ttcaacgccc cacgttcaat 240
aatgggcagg tcattcagac agaaaatcaa gacaacccaa atcaagactg aggtacactc 300
```

```

taggcaaaat ggacctgaca cctagagaac gtttcatgca actggtatag aatacacggt 360
ttctcatca 369

```

```

<210> 38
<211> 393
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (105)...(391)
<223> similar to gi334072 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 38
cccagggctt ctcaaagtgt ggcctcagac ttccacacctt aaaatcatga tgggaataga 60
aagaaggggtt tgttaaagtgc gcatgcccag gtcctgcacc cagaggggga catggcccct 120
ggggctcccc taggcatccc tgtgtgcacc tgcacaaacg gcagacacgg tcctgggggc 180
tccgtgggtg acacccaggg gaggggcttc acaggtgccca tatggtaaga ggtagacgaa 240
agtaccact gcgtcgtggg gtgaggtgtc caggcacagg cttcccaggg atgggatcgc 300
cgaggggac aggtggaggg aggcagccct gggccgggga gcagagccca caaagggggc 360
ccaggaagct gctggctgtg aaggtgtaag aaa 393

```

```

<210> 39
<211> 291
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (6)...(272)
<223> similar to gi2340084 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 39
aaactgtacc atggggagtt gcattgcacc atgcagggct tacttttgat gagagggata 60
tactgaatg agcctttcat ccaggcctta ttcgggcctt ggcggcgact tgtactat 120
cttctggggg gaaatcacct gcacgacacg cgatgatccg aaccctatt ttcggaggtc 180
gacctgatag atatgtcac ttataaccag atgggtagcc agagctggca cgaaaggaga 240
ggacacagta ggccacagta tgtaattcg tacgcgacgc aggcgcgaat t 291

```

<210> 40  
 <211> 378  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (45)...(353)  
 <223> similar to gi35568 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 40  
 attgttaaaa ccactgtggt aattaagaaa tactttgggg agatgctttg aggctgtgca 60  
 gatagccatg tttttccttg aaagttgttg agccaacgtc ggatgggaat tatgtcacca 120  
 aacaggagct caaaggatta gatatagtta gaagagatag gtgtgatctt gctaaagaca 180  
 ctggaagcct tgtgattggg caaattcggt atgatcaaag ccggatcagt atagtggaaa 240  
 acttcagtaa gagagcttat agaaaatgga aatagatgtg ataaatggca gtatgccagt 300  
 gagccagttt gaaagtataa aggcacatcc ataggatcaa catgaccacc ttcctctaata 360  
 aagcctactt taggtaca 378

<210> 41  
 <211> 349  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (40)...(347)  
 <223> similar to gil791243 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 41  
 cagaacaagt agacagaaa ggagtaagaa tacagaagac ttgaacaggg ttaacccaat 60  
 gacatatata ttctatatcc caaaacagta gaaggtacat cctttccaag tgcacctgga 120  
 acactcacca agacagacca taagccgggt ctcgaaacat gcagaatatg ttctctgacc 180  
 acaactgaag tgaaaaataa ataacaaaa tataacataa agagccccca tatattcaga 240  
 aattaaacac acttttaaac aactcacggg tcaaagaaga aatcacaaga gaaattagaa 300  
 aataccttgg gctgaatgat aaaaatatat taaaacgtgt gggatgcag 349

<210> 42  
 <211> 931

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (2)...(847)  
 <223> similar to gi3258569 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 42  
 acgcaagcct tttggatcca aaatgtatta tttcgggatt gctgcactag atagatttaa 60  
 aaacagattg aaggactatc cccagtattg tcagcatttg gcttctatca gtcactttat 120  
 gcaatttcca catcatttac aggagtatat tgagtatgga caagcagtct agagatcctc 180  
 ctgtgaaaat gcaaggctct atcacaaacc ctggaagtat tgcactggct caggcccagg 240  
 ctcaggccca ggttccagca aaagctcctc ttgctgggtca agttagcact atggtaacca 300  
 cctcaacaac taccactgtt gctaaaacgg ttacgggtcac caggccaact ggagtcagct 360  
 ttaagaaaga tgtgccacct tctattaata ctacaaatat agatacgttg cttgtggcca 420  
 cagatcaaac tgagagaatt gtggagcccc cagaaaatat ccaggagaaa attgctttta 480  
 ttttcaataa tctctcacag tcaaatatga cacaaaaggt tgaagagcta aaggaaacgg 540  
 tgaaagaaga atttatgcct tgggtttcac agtatctggt tatgaagaga gtcagtattg 600  
 agccaaactt tcatagcctg tattcaaact tccttgacac gctgaagaat cctgaattta 660  
 acaagatggt tctgaatgag acctacagaa acattaaagt gctcctgacc tctgataaag 720  
 ctgcagccaa tttctcagat cgttctttgc tgaagaactt gggacattgg ctagggaatga 780  
 tcacattagc taaaaacaaa cccatcttac aacttgactt ggatgtgaaa tcattgctgc 840  
 tagaggctta tgttaaagga caacaagaat tgctctatgt agtggccttt ggtggccaag 900  
 tcttagaatc taacattcgg agtgtggttt t 931

<210> 43  
 <211> 599  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (57)...(599)  
 <223> similar to gi2981631 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 43  
 caaatgtata cagaaagaaa gacaaggaaa taaaacagct aaagcaattt tgaaaaaaga 60  
 agactaaagg gagaggaatc agtctattca atgtaaggac tcatcatagc ctaatcaaga 120  
 cactgattgg ttttagcaaa aggatagaca cataagtcaa tggaacaaaa tgaagaaccc 180  
 agaaatagac ccacacaaat aagcataaat gatttttgag aaatgtgcaa tcctttctca 240  
 atggagagag tatatggtct tttcaacaat tagtgctgga ccaatgggac atccataggc 300  
 aaaaaaattg aatcttgatc ttaacctcac acacaaaaaa acaactcaaa gtggatcatg 360  
 aacttaaact taaaatgcag aacaatgata cagttacaaa aaacctaaga gaagatattt 420  
 gggatctagg attaggtaaa aagctccaga cttgacacca aaagcaagga gtataaaagg 480

```

aaaaattgat acactggact tcattgaaat gaaatgtttt ttttgctttg aaaaactgtc 540
aagaggatga agaaagaagc taaagactag gaaaaaaata tttgcaaacc gtatgcctg 599

```

```

<210> 44
<211> 331
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(333)
<223> similar to gil335205 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 44
ttaatctctg gattcaatgt aatcccaatc aaaaccccag caaatccttg tgtgaaaatt 60
gacaagtga ttctaaaatt tatatggcac tgcaaagcac gtagaatagg caaggcaatg 120
tggaataaga acaaatatgg gggacttata caataagatt tcaagatttg ccataaagtt 180
agaataattg agatagtgtg gtattagctc cagggaagac aaaagatcaa gggaacaaaa 240
cagagtccag aaatagatcc aaacatatat agtcacttaa catatgacaa aagcaccact 300
gcaatccaaa ggaggaaaat ataccccttt c 331

```

```

<210> 45
<211> 356
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (26)...(352)
<223> similar to gi2072977 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 45
cgataaaata gaaaaacttc taaaaaccag tgcctagatc aaagccttaa taaaaattct 60
cccatcaaaag aaaaagcccag gacctgactg ctttactgct gaattctacc aaacatttaa 120
agaattaatg ccaatcctat tcaaaactctt aaaataaaaa aaaagaaaaa aagggaagaa 180
gggggaattt tttaaaaaact atttttagag ggccggtttt ttctgaaaaa aaagcccggg 240
cagggacccc caaaaaggaa aaacttaagg cccgtttcca tgggaaacta tatttccaaa 300
aatccttaac aaatttttga accccaatt tcattggtat ccggaaaaaa cattta 356

```

001210"543400

<210> 46  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(395)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (11)...(396)  
 <223> similar to gi2981631 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 46  
 ngaagatcaa aagaaaaatat caaacttgaa caacactata gatcaaataa acctaacaga 60  
 cagatatata acattccacc caaaagtagc agaacacaca gtgtcctcaa gtgcaaacag 120  
 aacattctac aggggttgatc acatgctagg tcagaaaaaca agtcctaaca aatataagaa 180  
 gtttgaaata attccaagta tcttttccag ccacaatgga atgaaactaa atcaaaaaaca 240  
 aaaagaaaaa aattcaaaaa tatgtggaaa ttaaacaata tattctggaa caactaatgg 300  
 gtcaaagaag aaaccaaaaa gggaaattag aaaatatctt gagacaaatt aaaacaaaaa 360  
 tctcccccac aacttatggg atgcagcaaa agcc 394

<210> 47  
 <211> 333  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (40)...(301)  
 <223> similar to gi804788 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 47  
 gcgacatttt aggggggaaaa acaaaattat actagcataa atactataaa atcataaatt 60  
 tccttttaaat ggagaaaaatg aaaaactatt actgaaaggt atttaaaaag actaaataaa 120  
 tggagagatt caatattgta aagatgcaaa ttctcagcag agggacctac aaatttagtg 180  
 tagctccaat aaaaatacca agttcctata gactttctct agcagactct gaagtttaca 240  
 tcaaaaatca aagagccaag aatagcgaag tctctcctaa aaaagaatat ggtaggaggt 300  
 ttaccccact ggctatcaag agtcatgttt tag 333

<210> 48  
 <211> 341  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(342)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (70)...(226)  
 <223> similar to gi415821 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 48  
 aggggctctt cccctgggtg tgggcagtg ggctgctgga ggacgctatg atgggctagt 60  
 gggcatgttc gaccctacag agtgctcaac aacttcattt ccaacccaaaa aaatggactt 120  
 taaggaagat ctttcaggaa tagctgaaat gttcaagacc ccagtgaagg agcttttgat 180  
 tgtnttttga acatgtttga tagtggcttt taaatccgat aattcgtgag taataaatcg 240  
 cttatatact gtgctccatc ttgattgtta attgatttat gaagctattg tgctttatat 300  
 gatcatgatt tgtgaaattt tagtttgata taaatatcta g 341

<210> 49  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(339)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (5)...(339)  
 <223> similar to gil334115 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 49  
 ccacaatacc cctcttttag cactgaacag atcatccaga cagaaaatca acaaagaaac 60  
 atcagattta atgggctctg cagatcaaat aagactaaca aacatttaca gaacatttca 120  
 tccaacaact gaagaatata cattcttata agcacatgga acattctcca ggatagacta 180



tatgttaggc	cacaaaaacaa	gtttcaacaa	attttcaaaa	aattaaaatc	atatcaagta	240
attttcataa	cagtatggta	taaaattaaa	atcaatacca	agagcagttt	tggaaactat	300
gcaaaaacat	ggcaattaaa	caacatgctc	ctgaacan			338

```

<210> 50
<211> 367
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (259)...(333)
<223> similar to gi775215 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 50						
aggtcaggac	aggcccaggt	taggccaagc	caagggttagg	acaaggccat	gataggccca	60
tgcccaagcc	agggcagggt	tagggtagcc	cagggcatgc	caaaatcagg	gcagggccat	120
agcagtggca	ggactagcac	tagggccagg	gcaagctgct	ggaccacagc	atggtgggga	180
caattcaggg	ccaggacaga	ggatggcaag	gcaggtccag	ggccatttca	tggactcggg	240
aggcttgggg	tcaggccagg	gcagggcaaa	ggcaaggcca	gggagaaggc	aaggccgggg	300
ccaaggcagt	gccagggcag	ggcaggacca	gtgcaccccc	aacgcagggt	gagggcaagg	360
ccagggc						367

```

<210> 51
<211> 366
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(368)
<223> similar to gi2197085 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 51						
cagaaatcaa	ttgtatttct	gtacattagc	agtgaacaaa	aatgaaatta	agaattccat	60
ttataattgc	atctagaaat	taagaaaata	agcggtaaaa	aaatgggtact	ctgagacctt	120
ccaaaaatta	ttgaaagaaa	ttaaagaatt	agacatccca	tgttcatgga	tctagatgac	180
ttaatattgt	tgagatgtca	gtattatccc	aaatgatcta	cagattcaag	gcaatctcag	240
ctgccatttt	tcttcttcag	aaaaggcaaa	gctgataccta	aaagttacat	ggaaattcag	300
ggtagtcaga	attttttaaaa	cagctttgaa	aaagaacaac	aaaagtgaag	gagtcacagt	360
tcttga						366

<210> 52  
 <211> 333  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (23)...(328)  
 <223> similar to gi2197085 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 52  
 catgataact accatgtaga ccaatcgtat acagggtccaa gaaataagtc tgagtatata 60  
 tagccaaactg attattgaga aagggtattcc aaaaatatgt tgaggggaag gacagtttct 120  
 tcagtatata gtggtggaaa atctgtatat ccatatgtgg aagaattaga ttagactcat 180  
 agttctcccc atgcacaaca ttcattctcaa gatggatttc ggaatcaaat ataagaccct 240  
 ggaattatag agctcccaga agaaaagtatg ggagaaatgc ttcagggcat tgggtctgggc 300  
 aaagatttta tggctaagcc ctcaaaaaacg taa 333

<210> 53  
 <211> 403  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (17)...(397)  
 <223> similar to gi2981631 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 53  
 caaaggggtca atttaaaaaa ttaagatgga aaggtaaaat ttccttgaaa atacaaaaac 60  
 ggtaatacaa catacaaaa tctatgggat acagcaaaag cagtactaag aaagatgttt 120  
 atagcaataa atgcctacat taaaaaagta aaaagacttc aaatgaacaa tctaataatg 180  
 gtgcatgtta aggaactaga agagcaagaa caaatcaaat ccaaaattgg tagaggaaaa 240  
 gaaataataa agaccagagc agaaataaat gaaattgaaa ctagaaaaaa aatacagaag 300  
 gtcaatgaaa caaaaagtgt actgtttgaa aatattgaca aaccttgacc aaggctaaga 360  
 taaaaagaga gaagacccaa ataaataaaa tcagagatta gag 403

<210> 54  
 <211> 334  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (17)...(296)  
 <223> similar to gil335196 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 54  
 aaataatatg agagctgtgg ctataactaat atcagacaaa acagacttta agtcaattct 60  
 gtctgttaaa tactgttaca agagacgaag gacataatga taaaagggtc aattcaccaa 120  
 gaagatataa taactataaa tatatatgca ccacacatta gagctcctaa atataggaaa 180  
 caaccctga cagaactgaa ggtagaaacc aacagcaaca caataataga aggagatttc 240  
 aacactgcta tttcaatgat ggatggaaca accagacaga agataaataa ggaaaacaga 300  
 ggatctgaac aacactatgg actaagtggg ctga 334

<210> 55  
 <211> 719  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (35)...(331)  
 <223> similar to gi5305335 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 55  
 agaactgagg aaaacctcca atgcaatcca caatccaatc ccttgactct ctgtaccggg 60  
 caaggcgcca agcaccagcc ccagcgcgcc gcacctgccg gggcgcgat ctcccagctc 120  
 atcgagtccc tcgcgcccgt ggccctttgt gccaggcggg ctgcgtcccc tcaagtctgc 180  
 tccaccgcgg ctccagctcc cgccactgcc cgggctggag acctgacaac ttttctgaac 240  
 cgcgctctcc atctcgacc cttcccgggc tccaggaccg tcccctgtgc gccctcatct 300  
 gcaccgtcgc cgtccgactc cggagccgga gaccgcgtg ggcgcaggag gagagagagc 360  
 gcgggcgcgc gggaggggaa atctctccgg gactgctgct ggcggacgag ggacggagag 420  
 gagatggggc cgcaattacc cggagctgga actgcctgtc cgcgtggacc cgctcctctg 480  
 gcgcggaaac tccgtgtctg cagactccct cagccctgga gacttctgcc ggaaaccgcg 540  
 gacaccaaga ggggcccgcc cttccccac ctctctctctg accgttactc cggacaggta 600  
 gggctctgcg tcctcttccct ctctaaattg cgggtcacat ttgcggatgc cagaggagct 660  
 cgtgccttcg gaaattaaaa atcctatcca gttgattcgg acccatcttc cggacgaaa 719

<210> 56  
 <211> 475  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(476)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (6)...(475)  
 <223> similar to gi206712 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 56  
 cgcttggtcg cggggccctc ggcggtccca gggcccacag ggaccgtcct cctccggccc 60  
 tctgcgaagc ctcttctctg cctcaggcac cgccctgttc ttctccaagg tctgggggtac 120  
 agcagcgccc tccaggcccg gcgtggccca gggcaggaag cgcacggcct gcgccggggg 180  
 ctcccgttcc cgaccggggg gtgctttcgt cctggcctct gggggatcgg cggcgggggg 240  
 cggcacaggg ctcttgcaact cctggatggc tctgctccgg gtcagcggga attgggtccc 300  
 acgcctaacc tcttgaagcg gcgccctcca acggtctctc cctgcccgcc ggcccgcggc 360  
 tcctgggcct cccaggctag tccccggct tctgcgagcg cacgtgtggt gtagagccgc 420  
 acaattagan ggcaggttcc tagcgacaat cagagatctc catagtcatc acgat 475

<210> 57  
 <211> 602  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(562)  
 <223> similar to gi5640017 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 57  
 cgacatcaga aaactcacac tgcagaaaga cttatgagt gcagagaatg tgggaaattc 60  
 ttctccagtc tccttgaaca caggagagtt cacactggag aaaggcctta tgaatgcagg 120  
 gaatgtggaa aacatcttac tcgaaggtct gcgcatttta aacatcagag acttcatact 180  
 cgaggaaagc cttacgagtg cagcgaatgt gggaaatcct ttgctgaaac cttcagtcct 240  
 actgaacaca ggagagtaca cactggagaa aggccttatg agtgcagtga atgtggaaaa 300  
 tcatttcata gaagctcttc tctccttcga catcagagag ttcacacaga aagaagtcct 360  
 tacaagtga aagaaatttg ggaaattctt tagctaaacc tctgtgcatc ttcttgatca 420

gagggttctt	actggatcag	gaccttatga	gtgtgacaaa	cgtagggatat	tctttatgca	480
gaagtcttgt	tttattacat	acagaagagc	tcccactgca	gaagggcctc	ttgagtgcga	540
tgaatgtgag	aaagccttct	gccttctgtc	attggataac	agattgttct	cataaggaaa	600
ac						602

```

<210> 58
<211> 739
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (140)...(739)
<223> similar to gil778844 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 58						
cttctactca	agacatttgt	ccacatacat	gcagcatgtc	ctggcccact	cagttcccac	60
cgcagacacc	tggtcacacc	acccactgaa	atttggtcac	ttccacattc	tcagccacat	120
acaaagaacg	gggcccagac	aacccactag	agccgcacat	gcgtggccac	acccagtgc	180
agctatgttt	cctcaggcgc	ccgccaaga	tactgacgtc	acaggcccac	ccagatagaa	240
tcacacccag	agttcaccca	tttgctgacc	cagtcccaca	cgacacaatc	gcagctatat	300
acacttggtt	cacgtatctc	caactgctgc	caactgacatc	tggtcacaga	tgcacacgga	360
cagacacaca	tttggtccca	cggagaccac	atgcagcctc	aaccagacca	gtcacaccaa	420
cacactgttt	ttggccacac	actgtcacgt	ggtcacacat	actcagtcac	aggtgctcaa	480
atctgggtcac	agcatcagtc	acacagtcta	ttgtgacagc	cacactcata	gggacagtcc	540
tctatacaca	accacataca	gaggtactga	tggccacagc	atgcaaccac	ccacaaacaa	600
ctgtcccca	ggatggcctc	cctcaagaca	cagccatggg	ggtcctatag	gaatggccac	660
agcatcaatg	tccatgtgac	ccagccacct	atcatgggtc	taatcccgtc	acccagtgtc	720
catacacagc	tgtagcatg					739

```

<210> 59
<211> 402
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(404)
<223> similar to gil545952 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```
<400> 59
```

```

agtacaacaa ctcgaagggg acactatata cgacgctgtg gaacatggct tactggacgc      60
atagaatggt gtgaaattcc taacattgcc accactgtta cttctaccac tgatgatatc     120
tatgtatgac ccttagacgg accaaactat caagatcact gaccggtgcg aattcccaga     180
gcatgtacca cttggtgaat tattgcggtat aacagatcct attgaccctg cagattatat     240
ccttcattgca gtcctgggat catagtggac attatcatgg tggacattat gtggtttatc     300
tagaccctg aggggatggc gcatggcgta aatttgatga ctacgtggtg caatgtgtac     360
tcatgaggat gcacttgatc acgattatgg gggccccgat ca                          402

```

```

<210> 60
<211> 386
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(382)
<223> similar to gi4235275 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 60
agggagagca gatatcccag ctgattgcag gctacattga catcatcctg aaaaagaaac      60
aatggaaaga gcgatttggg ctagaagggtg atgaggagtc aaccatgtta gaatagtccg     120
attcctcaac tgagtcacac atcttgcatt agcagttcaa ccggaccgcg aaggcagagc     180
acggctcagt gacgctgccg gacgcgatgc gctcgggctt cagcgtgcct gagaccttca     240
acgttggcag catgcccttg ccaagcagca ggatcatggtt gggcagatgc accgaggcca     300
catgcctgca ctgacctcaa cccaacatgc cctgatgggg accatttaca caagcatgca     360
cgccgtccag caggcccagg atgatg                                           386

```

```

<210> 61
<211> 1136
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1137)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (39)...(1136)
<223> similar to gi414797 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 61
tgggcaggcc gggggtgagg gctcgcgctc cgggagctgc acggggctgc gtggaaagag    60
cgccgagcgg tggcgctcgtt gtcgccccct cctcgtcggg aagaatcggt tgggtctcctg    120
ccgtgccccg aatcccagtc agaagttcca gcctgccact gttctctgat gccatgccag    180
caccaactca actgtttttt cctctcatcc gtaactgtga actgagcagg atctatggca    240
ctgcatgtta ctgccaccac aaacatctct gttgttcctc atcgtaacatt cctcagagtc    300
gactgagata cacacctcat ccagcatatg ctaccttttg caggccaaaag gagaactggt    360
ggcagtacac ccaaggaagg agatatgctt ccacaccaca gaaattttac ctcacacctc    420
cacaagtcaa tagcatcctt aaagctaata aatacagttt caaagtgcc aatgtgacg    480
gcaaaaatgt cagttctatc cttggatttg acagcaatca gctgcctgca aatgcaccca    540
ttgaggaccg gagaagtga gcaacctgct tgcagaccag agggatgctt ttggggggtt    600
ttgatggcca tgcaggttgt gcttggtccc aggagtcag tgaaagactc ttttattata    660
ttgctgtctc tttgttacct catgagactt tgctagagat tgaaaatgca gtggagagcg    720
gccgggcaact gctaccatt ctccagtggc acaagcacc caatgattac tttagtaagg    780
aggcatccaa attgtacttt aacagcttga ggacttactg gcaagagctt atagacctca    840
acactggtga gtcgactgat attgatgtta aggaggctct aattaatgcc ttcaagaggc    900
ttgataatga catctccttg gaggcgcaag ttggtgatcc taattctttt ctcaactacc    960
tggtgcttcg agtggcattt tctggagcca ctgcttgtgt ggcccatgtg gatggtgttg   1020
accttcatgt ggccaatact ggcgatagca gagccatgct ggggtgtgcag gaagaggacg   1080
gctcatgggt cagcagtcac ggtgtcttaa tngaccacaa tggttcaaaa tgaaag     1136

```

```

<210> 62
<211> 396
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (34)...(332)
<223> similar to gi3599347 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 62
caagatacac aaatagaact tcatcttcag ctaaaagttg agagatggga aaaaatattt    60
ttttaaaacc ctttatgctt acaatcagct gattttttac acaggtgcca agacaattca    120
atggggaaag aataatgttt tcaatacatg gtgtaagcac aactggatat acacatgcaa    180
aagaatgaag ttggatccct atcttaaact atataaaaac attaaatgat tgaaaggctt    240
aaatctcaga actaaaatta taaaactcct agaagaaaat gcagaggcaa atctttgtga    300
ccttggattt gacagtgggt tcttacatat tataccccca gaagcccatt caggaaagta    360
ttgaaaaatc tgacttatat caaaattaga acagat     396

```

```

<210> 63
<211> 400
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (55)...(400)  
 <223> similar to gi3037018 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 63  
 cccttgctcag aaaggtaaatt ctgagcaatg tcaagaattg taaaggggtcc aaaattttacc 60  
 ctattggaag ttaatgtatt agcttgccac agtctattgt ctctagttgt tgttttgtcg 120  
 ctcatTTTTT tgtctgaatt tttatagttt attcttctaa gctgttttct ggttctttat 180  
 tgtcttttct agttttcttt tttaatatgt atgatccgtt atgttttctc atttattttg 240  
 attacttcgg ttatttaatt gttgtatgtt tatcttgtcc gttatctttt ttgattttgt 300  
 taatgtcttt tctttcgtaa tcgtgtgtct ctgtgttttg atttattctt aggttttcgtt 360  
 tttgtctatt ttgtttcgta tagtgtttat tttattgttg 400

<210> 64  
 <211> 374  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (27)...(374)  
 <223> similar to gi5052950 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 64  
 agcgagttga gcaagagcaa tggggagaaa gcttattcaa acaaattata gcagaaaact 60  
 ttgaaaact tgagaaagag ataaataccc aggtaaagga aggtcagcaa aaactccaaa 120  
 cagattgatc ccaaataaga ataccccaag tactacaata attaattctc aaaagtcagt 180  
 aagaaagaga ttatactatg agcaacaaga gaaaagaggc aaataatgta taaaggagcg 240  
 ctccaattca tgtagcaaca gaattctcaa tcaaaacccat acaggccagg agggagtgaa 300  
 atgacagtat taacatgttg aaagaaaaaa aacctgccat tcaagaatac catattcagc 360  
 caaacttatt ctta 374

<210> 65  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature



<222> (5)...(262)  
 <223> similar to gi439877 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 65  
 tgacctcaca ctatacacaa aaattaactt aaaatggata atagacccag ctgtaagagt 60  
 taagactata aaagtcttca aagaaaacat aggagaaaaa tcttcattcc tttgggtag 120  
 gcagagtttt ccccaaaaaca ccaccaaaaag cttgatcaat aaaaaataat acattggact 180  
 gcatcaaaat ttaaaatatt tgcttttcaa gacatcatta agaagatttt tttaaagcct 240  
 caggctggga gaaaatacag tcatgtggca gctaatagacc aggttacttt ctgagaaatg 300  
 tgccattaaa cattgtcatc attgtatgaa catcatagag 340

<210> 66  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (44)...(342)  
 <223> similar to gi2197085 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 66  
 aacaccacac atcagtattc ctgatcaaga tttttttaa tcaatattca acaaaatact 60  
 ggccaacagg attcagtggg acattgaaag gattacacat catggccaag taagatttac 120  
 agctggtatg caaagatggt tcaacatgct caagtcaata aatgtaatgt ctattacatt 180  
 aatagaatga aggaaaaaaa tgtgatctcc attgatggag aaaaagcatt tgagacaatg 240  
 tcatgccctt tcatgataaa aactcaacaa ttgggaatag aaggaaacaa cctaaaatag 300  
 aggccatatg aacatcccac tgtaaacatc atattcaata agactgaaag gacttt 356

<210> 67  
 <211> 343  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (2)...(346)  
 <223> similar to gi2414492 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



```

aattctgaac tcctcatgac acagaacagg gacaaaaagg gaggtgacag aattgggtgt 240
gttaatgaat cttgattatc aagggtaaag aagattgttg caacaggatg agagaaggga 300
ggtgtgtgtc tggaacctgg aacacctgtt g 331

```

```

<210> 70
<211> 305
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(306)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (3)...(234)
<223> similar to gil1916229 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 70
aagaaacaag attgcctttg ttcacagatg acaagattgt ctatgtagaa aattgaaaat 60
aataaagaaa atcgaaaata ataaagaaaa tccctggaac taataagcaa gtattacaag 120
gttgccaggat acaagggttaa tataaaaaag tccattgttt tcctatagat catcaatgaa 180
taaattggaat ctgaaataaa tacacaattg ccatacatta gtccctcaaaa attccctact 240
atggaactcc ttaattatgt ccggatataa tgaatcatta aaaaggacct acttacatat 300
aaatn 305

```

```

<210> 71
<211> 324
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (4)...(311)
<223> similar to gil1335196 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 71
atgagaacac aaaagaataa taacaaaatg atacaggagt caattctgca aggagtcata 60
acaatcctta atgtatatgt tcctaacaag aaagcatcaa aatacatgag gctaaaacta 120
atgcaactgc aaggaatcca ctattgtagt tggactcttc atcactcctc tgtcagtaac 180

```

tgacagatct	agcaggcaga	aaatcagtaa	taatatggtt	gaactgaaga	gccacatcaa	240
tcaactgaat	ctaactgatg	ttaatatata	atatccaaaa	ccagtcaa	aaacattctt	300
ctcaagttca	cttgaatat	tcac				324

<210> 72  
 <211> 349  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (21)...(320)  
 <223> similar to gi2197085 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 72						
cagaccaatg	cgcgaaacatc	tacaaaacac	tgctgggaga	aatgaaagat	gtaagtagag	60
tggagagata	ttcatatact	tgaagactca	atattgttga	gatgttaatt	tttcccaa	120
tgatctacag	attcaatgca	atcccaataa	aaaaccccag	cagggttttt	ttgttttaag	180
tagaaattgc	caatctggtt	ctaaaattca	cgtggaaatt	caaaatatcc	agaagagtca	240
aaccagttga	aaaagaataa	agctagagag	ctaatactac	atgatctcat	ggcttattat	300
aaagattcag	caatcaaaag	agtatgccat	tagccaggtg	aggtggcac		349

<210> 73  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(342)  
 <223> similar to gil916229 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 73						
gctcctggaa	ctgataaatg	gcttcccagt	tttaagatac	aaaagcaatg	tacaaaaatc	60
agtagcaatt	ctatatacca	gtaaccctca	agctgagagc	caagtaaaga	atgcagttccc	120
atttgcaata	gctacaaaaa	aaagaaaaag	ataaagtacc	taagaatata	tttaaccaag	180
taggtaaaag	atctcaacaa	ggagagctac	aaacgctgat	aaaagaaatc	acaggtgaca	240
caaacaaaag	gaaaaaaatt	tcatgctcat	ggattagaag	aatcaatact	gttgaaacag	300
ccatactgta	caaatcaatc	tacacattca	gcataattc			339

<210> 74  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (13)...(322)  
 <223> similar to gil335205 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 74  
 atttataatc actccaaaaa attaaaatac ttacatataa agcaaataac aggtatagga 60  
 tttacatgct gaaaattaca gagtgctaata gaaagaaatc aaggaagatt taaatagaca 120  
 tatcagggtga atggattaga agactcaata ttatagatat caattctccc caaatattatc 180  
 taaaagtttta aatacaattc ctatcaaaat tgcagtaaag ttttttgcag atatagacaa 240  
 gtatatctta aaatgcatac ataaaggcaa atgatctaga atagctaaac aattttctaa 300  
 aagaataaag gaaaaatcac tgttcaatgt taacttaa 338

<210> 75  
 <211> 719  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(650)  
 <223> similar to gil405421 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 75  
 ctcatgaaag cctgaaaccc ctgccttccc taaatgttgg tgcccatggc cctaagccag 60  
 ctccagtgtc ccagcacat cctctcccca ggcggatgag aaccaccag tgggtggtca 120  
 tccctcctac actgaccagc ccgaaccctg ggctctgagc cagacctggt gagcctcaga 180  
 cccgtttcca aacttcctgg atggccctgg gggccacag atagaggttg ctcatgcctg 240  
 cccacgctg ggggtgattaa tgccccctgc aggtgcctgc cctcaccag ggtcccaagc 300  
 tgccgacggc tttgtcatcc atccagtcac ccaggagat cctggaggca ttcctccgc 360  
 ctctcaccc tgacatccac tgtctgccag atctctcctg cctctttctc tcttctctac 420  
 agctgggggtc cagctcctct tccccctgga tgatgcccct tgctgtctca caatccttcc 480  
 atggctcccc agtgtcctca tgataagcac cgagcactcc aggcccttgg caggcgggcc 540  
 atccgcatca ccagcctttc caccagcac tggcggctgg gcccttcag gctgctggcc 600  
 cccacacac catgttcttt cctccactc cttccaatcc ctccagtcaa agtcctttca 660  
 gacctctcta agccccaaac ttccatctca gcccccaat cctgctgtct ctgacgaaa 719

0.9627 in 0.9630

```
<210> 77
<211> 328
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(328)
<223> similar to gil83817 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<210> 78

<211> 412  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (34)...(411)  
 <223> similar to gi334749 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 78  
 cggcagtcta gtagagacca cacaattcca tcactcagag ttacttagca ctgagagagc 60  
 tgagggttact ctgtttatatt attaaagaac ttttacagca tgaagtttagc tctggagacc 120  
 actctgtgtg ctctttttct ccgacttcag caattgctac accaacgtac acatcctggt 180  
 tttattacac acattcgagc ccacagctct ctgcctggcc cattggctta tggcaatgat 240  
 caagcagctc ttcagggttg aacatcactg ctgaccaag ccaccaatt gcatcaattt 300  
 ttctactaaa attagagaaa ctcatcttaa acaacttcaa cttatacaga gattggctaa 360  
 acaaattatc tgacggtgcc cagattgcca gtcacaggc acagcccctc tt 412

<210> 79  
 <211> 333  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(333)  
 <223> similar to gi2065210 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 79  
 agaaaatctc agcttgcttt acaaagggtg ctgcataaaa taccggcacc atccaaaagc 60  
 atctgcaata ctacagcccc atgcagaggt gtccctgaag aagggttggt aaaggaaatc 120  
 ctctgcgtag gcataacttc aggcaatgta cttggtggtt tgttctacct ggagggagag 180  
 atggccggaa gtacagatct aactgattt atgagtgggtg actaacagtt tgattgtatg 240  
 ctgaggttat gtagaagaaa aatgattaga aaagtgttga taaggagatc tagggaacag 300  
 gtatgtagac agacctctcc aactgggcat aaa 333

<210> 80  
 <211> 317  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (16)...(312)  
 <223> similar to gill196432 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 80  
 ccaataacag ctgaagattt caacaacca ctttcagcaa tggacaaatc ttcttgacag 60  
 gaaatccgca aagaaacctc agatttaatc tgcactacag acaaaatggg cctaatagat 120  
 atttacagaa catctcattc aatggctgca gatacacatt cttctcctga gcatatggat 180  
 cattgtcaag gatagacttt aggttaagtc ataaaacaag cttataaca tttaaacaaa 240  
 aaatctgaaa taatatcaag catcttctct caccacaatg gaataaacct agaaatcaat 300  
 aacaagagca attttgg 317

<210> 81  
 <211> 329  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (141)...(303)  
 <223> similar to gi2662397 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 81  
 gttcgaatta tgatttaatg atggatacac cgaagtaagt gttgttatat aaaatcactg 60  
 tataagccta atgagttaat agatgcaggt acagatatat aagatggctg gacaaagacc 120  
 tccagactgg ctgaagaatt ataacattgt gctgcataac atttcaaact gatggcgcat 180  
 ctgctatggt aatcatggcg gaggataagg ctctaggcca tgggttataa gccgaaggca 240  
 tatatgaggt aaagcagatg tgtcaaaca atcatctctg acatctttat tatagtacca 300  
 cagctcacct ctctgaactt ttacctagg 329

<210> 82  
 <211> 327  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (232)...(246)  
 <223> similar to gill196433 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



001210 "52208460

```

<400> 82
tagaaaacaa atggagcaag aattaggcga tactcaaaat aataaaaaata cttagaatta      60
acttaatcag aggcaaaaga cttggataac aaaaaaattc aaaactgctg aaagaaatta      120
aagaagacat aaataaatgg aaacacatcc cacattcatg aactggaaga cttaatatattg      180
ttgacatgtc aacattatcc aaagcaacct acagactcaa tgcaatccct atcaaaatcc      240
caacaaggga tagtaatctt gaaacaaggg acaatagaca aaataatctt gaaaaagaat      300
aaagctgaag cactcccatt tcctgat                                           327

```

```

<210> 83
<211> 297
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (68)...(292)
<223> similar to gi244774 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 83
caaaaattcat atgaaaatgc ttttgcatgt taaaagagga atgaagttca gaggctccta      60
cttcccgatt tcaaaacact actaagctac aataatcaag acaaagtggg actggcgtaa      120
gcatagacat gttgatcaat ggaatagaat cgagactcca gaaataaatt ggtatatatta      180
cagtcaattg agttcagtaa ggataggaag aaaattgaat gagttaagat taatcttttc      240
agtaaattct gcttgggcaa ttggatatgc acatgtaaaa gaatgaagtt ggtctcc       297

```

```

<210> 84
<211> 295
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (14)...(284)
<223> similar to gi3599347 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 84
aacagtgtga tgctggcata ggagcagaca tacagatcaa tggaactgat ccgacagtct      60

```



gaatctcctc gatttggggc gaaaag

386

<210> 87  
<211> 412  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (9)...(382)  
<223> similar to gi56525 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 87  
ggcacgaggg agtggctatg ttaatatcag ataaagtaga cttcagagca aagacaatta 60  
tcagagatag ggagataatg ataaaagggt caatctgcc a gtaagacata atagtcctaa 120  
atgtatatag accaaacaat gaaattgcaa aatatgtgaa gaaaaactca tagaacttaa 180  
aggagagaaa cagatgattc acagtcatac ccagagactt caatattctt ctttcaacaa 240  
ttttgataga actagacaga aaaccagcaa ggatataagg gaaactcaaca ccactaactg 300  
acaaaatcta gttgacactt acagaacact ctacctaata agaatacaca ttctttttaa 360  
gtgcttatgg aaaatatata tcaagataga gtatatcctg agccataaaa at 412

<210> 88  
<211> 800  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (350)...(778)  
<223> similar to gi395145 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 88  
ggcacgagcc agccaaagg aaactcactg aaaactctgt taaatgctag atgatcatatc 60  
aagccaccat agtgaagggt ggcggaagac aagacaccat agtgaagggt ggaggaagac 120  
aagacaccat agtgaagggt ggaggaagac acacttgatg tttccaagg ccacacattt 180  
actaagggtg cagaagtgg aataatccca ggggtcatctg ctttggggcc agtggttcctc 240  
ccagggtgag ccatgaggtt tagacagagg agggtcagcc atagaagtgg agaggatttc 300  
tctggggcca gacagtgtgt tgtttattcc acagagactc caagcaccac aagtactgca 360  
tcgagctgag cgcccagcct gtgggactta tccgggtaca caaggctccta gtggtgggca 420  
gcacccaaga cagcctgcat ggcttcaccc acaagggtgca gccccagca agcagcagcc 480  
cctccacgcc tatgtcccta gccccactt ggcaagagag tcctctgggt tccccacccc 540

```

agaaaccgtt ctttccactg taagccctga gccctccaca gacgctggct gttccctgcc 600
aggggaagaa gctgtggaca gtgcagatgc ccgagccat cctgaccatg aacctcctgg 660
agcagcattc ccggggcctg caggccgtca tggctgggct ggccaatgga gaggtccgca 720
tttatcgtga caaggccctg ctcaatgtca tccacacccc ggatgcagtg accagccttt 780
gctttggccg gtacgggcgg                                     800

```

```

<210> 89
<211> 431
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (9)...(431)
<223> similar to gil656045 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 89
ggcacgaggg acatcattca aacaaaccag aatatattca gatgctaatt cctccactga 60
cccagaaatg gaacatgtta aatggtgaag ataaggatct cttcccttta cctgagtgcc 120
tatcttcagt tgccacagca ctgcaactct gctttcttcc atactgtgaa cctgtgtaag 180
agacaatgag gaaaacttgc ccaagccatg ctaaccaatg ctcaaccaga tcaatatgaa 240
cctccacata acgattctat gctagcgtct cttgatttac tgacgggcct ggctcgaaga 300
ctcgaacgca acatttccac atctggtacg cccaagtaac actctaacac taatgcattc 360
acggatgcta gattaaatgc tcaaaatccc acagagctat tctaccctct taaggacctc 420
accaaacctg g                                     431

```

```

<210> 90
<211> 365
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (20)...(258)
<223> similar to gil89597 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 90
ggcacgagcg tgactaagat ggaagcgttt ttgggggtccc ggtgcgcact gtgggtactca 60
gagtattgct ttctgaaga actcaactcac accttcattg gctgcaatct cattactgga 120
atgcatcagc gactggacta gctgaggact aatgcctctt tcagcgtcat ccttgttgtg 180
accggcaatt gcagcttcat cgctggcgctc tggaggctct acaatcttga cattcgcat 240

```

```

atgattaata ccgatcttat cagagtcttg aaaagcccat agatccacag agcccttcga 300
gcaccacgca tgaagatcca tcctagagtc ctagataata acccactgaa caacttgaga 360
atccg                                           365

```

```

<210> 91
<211> 398
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(399)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (69)...(393)
<223> similar to gi296669 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 91
ggcacgagat attttaatta tttgcttttt attttttgtg tatctgttac ttttggtttt 60
tttttttggg ggcaaagcca aaacctggct caatggcca gccggaaggc caggggcaaa 120
accggggcaa acggaacccc ccgcccccg ggtaaggca atccccaacc ctaaccaaac 180
ggagaacctt ggactacggg ccccgccac aagcccgggc aaattttgga attttaaaaa 240
aaaccggggt ttccccaggt gggcaaggcg ggcccaaacc cccggacctg gaaaccccc 300
ggccaaaccc cccaagggg cggaatcac gggtggacc caccgcccc agctcggcaa 360
caggtttttg aaccggaaat acccaggggg ctggcaan 398

```

```

<210> 92
<211> 292
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(287)
<223> similar to gi763431 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 92
gaacctcccc cgattggtga gaccagaggt tgatgtgatg tgcactgctt ttcatgccta 60
tgtagaggca tttttgataa attacttata tgttatagcc agcagccatc cttcatcctt 120

```

00438725 012100

```

agttttatgc cccggaactc ctgttctttg ctaaaaggta gaagctgctt ttgcagaatg 180
ttgccaagct gctattaccg cttgcctgcc tggtgccaaa gctcgatgaa cttcgggatg 240
aagggaaggc ttccgtctgc caaacagaga ctcaagtgtg ccagctcgtg cc 292

```

```

<210> 93
<211> 575
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (30)...(180)
<223> similar to gi4165018 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 93
ggctcgaggt cttagtattg cacgagctca ttatgttata tttcatacca tttatggata 60
tcactttatg ctattgtaac atatattcca ttctaattat tgtctgagtc aagacaagaa 120
ttactcttac taaggtaaag caaagcctac aaattcaaaa cctgagtcta tacaaatctg 180
ttagcagttt gagtggctgg gcttcaatat tatactctgg atgtgataca atagataaag 240
ttttttacgt ctgtaaaaaa aaggaagagc aaaagactct tgggaacatg tgaaatctta 300
aatgaagatt aagtacaacc aaatgtaaac atattttaaa aggttcttct tggacatcat 360
aatttgctct cctatgaaga tgtcatcgtt tgagccttta atgttggaag tagcttacag 420
atgttggggc agaaaccaa gaccaacatt gccatgttct gtgagaccac gtccaagtgg 480
atgattgctg gatagggtatg tttcatgcat aacatttagt tcataaaaatt atatgctact 540
ttaggaggtc cagggcccat ggattaatga aacaa 575

```

```

<210> 94
<211> 437
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (91)...(359)
<223> similar to gi2645431 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 94
cgctctactc cattagctta gtggccagtt aatgattgac cagagatttc gttaaatgct 60
atgagcctgt aagtctacca gcctttgttg aagggtctgg tatgtgttgt tggggcacgt 120
ttcaatgctc tggaaggcaa ttgacaactc tgccttaact ttcagttcct gcttgacacag 180
ttgctcaagg tctttctcag gctcagacaa atgacagtga ctctgacagt gagtccaaga 240

```

```

ggcaggccca gagatcctct gcttctgaga gtgagacaga agagtctgat gatgacaaga 300
agccaaagcg cagaggggtgt cccaggagcg tgcggaagga ccctttgaga tctttcctct 360
gcatggacac agacctgcac atgtcagagc ttttcagagt atctatccta tgaacatctt 420
tcctcccagc tcgtgcc 437

```

```

<210> 95
<211> 726
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4)...(470)
<223> similar to gi35315 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 95
ccgcggcgcc tcgacacgag cgacgtcctg cagcagatca tggccatcac cgaccagagc 60
ctggacgagg cacaggccag aaagcatgct ctgaattgcc atcggatgaa gcctgctctg 120
ttcagcgtgc tctgtgagat caaggaaaag acagtggtaa gcatccgtgg cattcaagac 180
gaagatcccc ctgacgcccc gctcctgagg ctggataaca tgctgctggc tgagggcggtg 240
tgcaggcccg agaagagagg aaaaggagga gcggtggcca gggccggcac agcaacacca 300
ggtggctggt ccaaatagaca atagcattga gcactctgac tacaggggcca agctgtccca 360
gatccgacag atttaccact ctgagctaga gaaatatgaa caggtgatct ttctgcatgg 420
aagagtttct gtcattgtgaa tgcgcatttg tcaaagcgaa acacggaacg ctaaccacct 480
ttctttcgtg gcgcagaaca gggagtccat gcagttggtc gctgcagagg tgggccattg 540
ttactgaaag ccctttccat ttacttaacg agtcacccgc cgggtgtgtga actacagggg 600
gtggcaggcg gctgctccgc tgtggaacct gctgccctgt gccacctgc tgcctagtca 660
caggccggcg tgtctgtgct cccaccccag gcctgtcgtg agttcaccac gccgagccct 720
atgaaa 726

```

```

<210> 96
<211> 335
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (89)...(338)
<223> similar to gi338057 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 96

```

```

ggcacgaggc tagaccgagc ctgtgggata taccaaggca taggtgcccc tgggcctgag      60
gagcctctgc gcctagctgt tggtgatcct tgcccacctg aggcctctct ttttctttcc      120
caagtcccgcc tttgtccgca tcttgatgcc cttctctccg tacgatctcc tgaactttca      180
tgccatgctc cagtccttcc ttgagatgat aactaggct catcaggcca tggacatcca      240
cttccatagc ccggtcttcc agctcccgcc aacagaattc atactagaat ggctacgatt      300
accgttctgt ttgcctgtag atccgtcaca actcc                                     335

```

```

<210> 97
<211> 1042
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1043)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1028)...(0)
<223> similar to gi50489 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 97
tttttttttt ttgttataga aatctgttta atggtttagg aatgtgtaca ctctggctct      60
gccaaagttc cataaaggca acttttccat gttttaaaaa atagatttgg tataaagatt      120
tatatattca taaatagggt gcatgaaaaa ttaccaaagt caaatggaat acttgcgctg      180
actgaagccc tgttcacccc aagtccaggc cctgcagggg tccgagggtc tctgctggag      240
gaggcccca ctccggcagc ctcttaggga agagaaactg aattaaatgt gtattaggaa      300
cccctccagc tccttaagcc agcgtcgcac tggccccacc gaggcctcag cccacctccc      360
tctgcttccc cccgccacct ccaccattgc cccctcccct gcactctggc ccctgacccc      420
acctgttccc actctttggc aatttatcaa caaaggaaga gatgacactg ttctccttcc      480
gcccagagc ccgggctgcc gggagagctt agcctgcca ggggaggaaa caagccggct      540
ttgttttgct tcacacactt ccccgctctt actcccagcc cagttttaag ggccggaagg      600
gcagtggggc cncctcctg gtgggataca gcaggcagga gcccctgcaa cccaggtac      660
aggtcttgag tccctggaca ccggcttttg tgctgagag ggggtgggaa cgcttctctg      720
taggaaatgg cttcagttca ggatccaggg gtagggggaa ctcgacctat ggggtgggtg      780
ctcctgccag ggggtaactt agcaaggccc cagggtggag ccagttcttg gactgtgtcc      840
agctaggcat ctgtgacccc aaatngcatg aataaaaggn caggttgcta agagccaggg      900
gaggncatgg ggcagggaga ccagggtggc ccagacagga cagaggtgct ccagggacag      960
ggtgctggag tgaagccagg tggagcgggt gagctgtgga gcctttgaaa catcctgatg     1020
gccaggcct ttgttcccaa ga                                     1042

```

```

<210> 98
<211> 403
<212> DNA

```



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(288)

<223> similar to gil495696 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 98

tacgaatttg	gaccatctac	gtcacaggaa	ttctgcacca	gtagccttta	gacaaccgca	60
gaaagcttcc	atgatttgaa	actaactgac	atacatgctg	ttggcatgta	ctgaatggac	120
ttggagctcc	agctaaagaa	caatgcatct	aaacttttga	gtggccatta	tggaaagcag	180
acatgacagt	gagaatgcag	aaagaattct	ttttaacatg	agaccagag	aactggtgga	240
tgtgatgaag	aatgcctata	accaaggatt	gtaatgtgac	catgggtatg	atcgggtaat	300
actttattgc	aggagcctat	tgctagacta	tcggtctaaa	tttgtcttgt	cactaataaa	360
gactcccatc	caacaccgct	cttcccgatc	ctcaagggag	gag		403

<210> 99

<211> 336

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (30)...(316)

<223> similar to gi244774 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 99

ggaacgagac	aacatataat	aacataaaga	atatgacatt	cttagggata	aatatgacaa	60
acgatgcata	aacacctgca	tacagaaaac	tacaaaactc	ctgaaagata	ttaaaaaccc	120
aaataaatgg	agaactatac	catgttcaca	aaccacaaga	ctcaatactg	ctgagatgat	180
aattcttcac	aaattgttct	gtagattcag	tgcaacctca	atcacaattt	gaggaggcct	240
tttattaaag	aagatgacat	gctgattcta	aaattgctgt	ggaaatgtaa	aacacctaga	300
atagtcagac	aactttgaaa	acctgaacta	tagtgc			336

<210> 100

<211> 350

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (10)...(284)  
 <223> similar to gi799177 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 100  
 ggcacgagga aagtcgagac tcctgcaaaa atacatgcct tctggattga ctgcgccaac 60  
 agagagggtc tgccatccac ccgcctgggt accctatcac ctgccttcag cactcgggtg 120  
 ctgccagctc aaaccaccga gtatgccttt agccttcac caagtgtccc acgatgatga 180  
 tgcccgcacg gacgccgagc actacgtacg ccctaaatg cataactact cagtgcctgc 240  
 tcaacgtcca acaatcgagt gccgactgcc ccaatgatac tcgtgcctac tactacaccc 300  
 atgtaccgta gtgtaaactg caactccac atacgtagtg ctactagtct 350

<210> 101  
 <211> 341  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (103)...(343)  
 <223> similar to gi35465 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 101  
 ggcacgagga ggaactgaat cgctgcagg gggagctgca ggctgtgtga gactgggtgtt 60  
 agccaccgct cactgcaagc actgcctccc tccgggggtct gtaagaggcc gtactagtct 120  
 acagacctca ttccccatt ccctgtctgg agccacttac agtgaccact ctcactcatt 180  
 aaacatatac gtgcccgcag gcacatcgct gtccttatt gaggaagctg tcacattcct 240  
 aacaattaat gggctcatca ctggcgctcaa gagaggcaga cttgactcca agagcagata 300  
 gacttacttt ggaaaactgg gcatcgcccta agcttacatg g 341

<210> 102  
 <211> 398  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (39)...(369)  
 <223> similar to gi2197085 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 102
ggcacgagct ggaagactat acaaactgat ttcaagatta caaagcttca agaatcaaga 60
aagtatgata ttacataaaa acaagagatc aatggactaa attatagaat acagaaaaac 120
atacacatgt atttgtgtgt gtgtgtgtat atatacacia aaaagccttt ttataaaca 180
ataaactatt tttgttcaca aacatgcaaa ggaattcact tgagaaagag taatttatgg 240
aatctattca acaaatggtg ttggaacagt ggctcatcat acacacacac acaaaaaaac 300
ttcaatccat acgtcacacc atattacaaa attaactcaa aatggatcac agacctacat 360
gtgaaagaaa atcttaaaag ttctaaaagt aaggccgg 398

```

```

<210> 103
<211> 607
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (283)...(591)
<223> similar to gill96432 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 103
ggcacgaggc atgcacctgt agccccagct acctgggagg ctaaggtgga aggatcactt 60
gagcccagga ggtcgaggat gcaatgagac aagatcatgc cactgcactc cagcctgggt 120
gacagagtga gaccttatct taaaaaaaaa aaaaaggaaa aaagggtccc agaataataca 180
tttttgggga tctttatttc cagggatgac cactgcacct aacaacagca gaatgttctt 240
ctcaactaca ctaggaacat tctgcacgct aggccatgaa acctcaatag attaaaatga 300
tagaatgaat acacagtatg ttctctgacc acaatagaat gaaattagag tcaataatag 360
aaaggatatt agaaaaccca caaacagctc actcttaaat agtcagtggg ccgaagagga 420
aatcaaaaga gaaataagaa aatacactaa gaaatacatt gagatgaatg aaaatgaaga 480
catggcatat caaaatgtat gggataaagc tcaagcaatg cttctaggga aatttatagc 540
tgttaatgcc tacaataaaa agaaagctct caaatcagta atcgattcac caccataaga 600
cactggg 607

```

```

<210> 104
<211> 1326
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (12)...(716)
<223> similar to gil86774 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 104
ggcacgagaa tgagaggaaa tcctatgaat gtaaggaatg tggaaagacc tttcttcatg      60
gctcaaagtt taatcgacat cagaaaattc atactggtga gagaaactat gaatgtaagg     120
aatgtggaag gacctttttt cgtgggttcag aacttaatcg acaccagaaa attcatactg     180
gaaagaggcc atatgaatgt gaagaatgtg gaaaagcctt tctctggggg tcacaactta     240
ctcgacatca gagaatgcat actggtgagg aaccttacgt atgtaaagaa tgtgggacat     300
cttttatctg ggggttcacag cttacacgac ataagaaaat tcatactgat gcagaacctt     360
atggatgcaa gaaaagtagc cacatcttta gtcaccattc atattttact gaacaaaaaa     420
ttcataatag tgcaaattctc tgtgaatgga cagactatgg gaacaccttt agtcatgagt     480
caaactttgc tcaacaccag aatattttaca cttttgagaa atcctatgaa tttaaagatt     540
ttgagaaaagc attttcttca agctctcact tcatttctact cttgtgaaat attatataaa     600
agtgtaggaa gggcttttatt catgactcat taattgatgt catttatttt tttctcttga     660
ggaacaccac aaatgtaagt aatatttgaa ggcattttta cagagcacac atccagcagc     720
agcagcagca gcagcagaga attcatcatg caatcaatat aggaaagaaa ttactgatca     780
gttatcaatt gcagaatatt agggtaaaat tttatgagat agcatgaatt ctttttgaat     840
cattctcaaa acattctcat cagagatggt gcataaagaa tttatatata atttggccaa     900
gcatggtggc tcacacctgt tatcctagca ctttgggaaa cagaggtggg tggatcacct     960
gaggtcaggg gttcgagacc agcctgacca acatggtgaa accctgtctc tactaaatat    1020
acaaaaatta gccgggctgt gtagcacacg cctgtagtcc cagctactcg ggaggccgag    1080
gcatgagaat tccttgaacc tgggaggtgg aggttgagc gagccaagat cacatcactg    1140
cactccagcc tgggtgatag aacaagactc catctcaaaa acaaaaacc acaagaattt    1200
atatatattc attttgaaa tctttcatct tagcaaaatt ctgttgattt tccacaaaat    1260
catgtaatta atccagaaa cttgaactat gtctacaatt tatttggcat gtctgttcat    1320
acatcc                                     1326

```

```

<210> 105
<211> 529
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (48)...(526)
<223> similar to gill196432 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 105
tttactgccc aggtctcaaaa caaaaaaacc ccacaaagca aaaacttcaa cctacagcta      60
acatcacatg tgatggtgaa agactaaata ctttcacctc taaaattagg aacaaagcaa     120
tgctcttata tgggtctagat gtactatatg tactagaggt cttagccagt gcattaagac     180
aataaaaaaga actaaaagca taaagattag aacaactata attactccca agaagcatga     240
ttgtgtatct agaaaaatcct aaggatccaa aaagctacta ataaatgaat ttatcaaagt     300
ctcagtatac atgatgaata tatttttaaaa aatcaattgc atttctatat actaagaatt     360
agaaaatatt tttaaacatt tcattttataa taacaaaaaa tacttttgtc atgaattcaa     420
aaaaagtatt gcaaggcctg tctactgaaa actacaaaac actgcaaaag taaattaacc     480
aaaacccaaa taaataaaga aataaaccag gttcacggat tctcgtgcc                    529

```

<210> 106  
 <211> 323  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (13)...(325)  
 <223> similar to gi2224569 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 106  
 ggcacgagga tcagctacag gaaaaaact tggagtgtctg aaggccggtt ccggaggctg 60  
 aacctgttc tggccatagc gaactgatcg tactgaagct cagatggaag ggccatagga 120  
 atgcttgcga cggaagccca tgtctcggat catggaggag accactgtca tgcaagaaga 180  
 ggaagacgag gagtctatag cagctgcccc tggacgtagg ggtcgtacag atggagagga 240  
 tgatgcctca gcatctagca tgctacagct agagcgctga atagaatgac tctgcatgcg 300  
 gcagctatgc tttcgcataa agc 323

<210> 107  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(13)  
 <223> similar to gi288145 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 107  
 gcaggagttc aagaccaacg tggccaacat ggggaaagcc catcactact aaaaatacaa 60  
 aaactagcca ggcgtggtga cacacatctg taatcccagc tactcgaggc gctgaggcag 120  
 gagaatcact tgaaccagga ggcagagggt gcaagttagc gagatcatgc cactgcactc 180  
 cagcctgggc cacagagcaa gactccatct gacaactagc tgttccagcc ccagccact 240  
 tgagtcatct cagctgaggc cccacacacc aagaagcaga ggtgagtcta atccacagag 300  
 ccctggtcag acatgatgac ggtggcttca cccgggggtc tccgcacagc agcggcctcg 360  
 ggtaagcaga acctcgctcc ggggtttaca aatccttcct cgtgc 405

<210> 108  
 <211> 330  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (10)...(330)  
 <223> similar to gi2323287 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 108  
 ggcacgagaa aggatgcctt tttctatata gcgttacatc ctgactctca atacctgttt 60  
 gccttcgaag atccctctgg ccagatgccc agttaacatg gacagtgtctg cctcagggat 120  
 tttgagacag tccccacttg tttggacagg tactgtcaaa ggacctctct gagttttccc 180  
 atcctcaggt cagggctctg ccatatgtag atgacatact gttttgtgcc ccaactgagg 240  
 aagcatctca ggaaggcagt gaagctcttc ttaatttctt agccaacaga agatataagg 300  
 tttcaaaatc taacatcaag ctttgccaaa 330

<210> 109  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (14)...(345)  
 <223> similar to gi763431 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 109  
 ggcacgagaa tttttaggcc accgagcttc tataacatgg tcatgagctc ggggtgcacca 60  
 tagatttccc aaagctgagg ttgcataacc cctctgctga ggacagatct taccgaagat 120  
 cgcacgaagt gctgccatgg agatctgctt gaatgcgctg atgacagggc agaccttgctc 180  
 gaggatatct gggaaaatca agattcaatc tccactatac tgattgaatg ctgtgaaaaa 240  
 cctctgttgg aaaaatccca ctgcattgcc gaagtggaaa atgatgagat gcctgctgac 300  
 ttgccttcat tagctgctga ttttgttgaa agtaaggatg ttg 344

<210> 110  
 <211> 452  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (9)...(425)  
 <223> similar to gi2981631 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 110  
 ggcacgagga ctcgaggaat atagaagtaa catgagtaac cctatagtaa agggagttga 60  
 ttttatagtg aaaagacctt ctcatgaaga gaaatccagg atcaaatacc ttcattgaga 120  
 aatctactaa gcattttatg aagaaatatt agcagatcta caaagttttt caaagagata 180  
 gaagaggaag gaacacttcc caattcatct tatgagacta gtgtcacccc agtaccattt 240  
 ccagagaaga aatacaagaa actacagacc actactcctc ttgaacatta acttataagt 300  
 tcttaacaaa atatatattcaa aactttataa gtaggatcat acatcatgac caagtagggg 360  
 ttatcttggtg gaaaatgttg gtttatcatt cataacccaa gatagttcac catattacaa 420  
 aatacatata attgtctcaa ttcattgtaga gg 452

<210> 111  
 <211> 753  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (6)...(755)  
 <223> similar to gi306782 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 111  
 ggcacgagcc catgtgtggg gagacccacc aggccctgca gggggccatg gagaagctgt 60  
 ggagccgctt tatggagctc atgcaggaga gaaggtggac ttgaaggaga gggttgagga 120  
 actggaacat tgctgcatct agctgtcttg agagagacag acaccatcgg ggagtgggaa 180  
 gccagggcac ggcaaagaga gctgcacatt ggtcagaggg gccccagcgt ctgagtcctg 240  
 tcctcctgca ggagagtaca tcgcaactgta ccagagccag agggcagtgct ggaaggagga 300  
 ggagtgcac agcaggctgg cccaggacaa gggagaggtg aaggtgaagc tgctggagct 360  
 ggcgtggctt gtggacgact gcaacaagt gcatagcaga ttccctggcag ctgccagaa 420  
 ccctgctgat gagcccactc caggggcccc cgccccccag tagcttgggg ctactgacaa 480  
 gccagggtag tgagtagagt cctcaggcac agtgggcacg caggagcagg ggagggctcc 540  
 cacagcacc tgccctccctc tctccaaaga tctttgtgag gtgagccttg ccagcagtgg 600  
 ggagtctgca caaggagagg cggggaagca ttctccctgt gacaaccca ctgagcagca 660  
 gatcatgcaa ctgcttcatg agatgcagaa cctccaggag caccagggt tgggcagcag 720  
 cccttgcat ccttttttgt accagactga tga 752

<210> 112

<211> 399  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (43)...(311)  
 <223> similar to gi9453 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 112  
 ggcacgagct ggggctacca gcccggcggc accatgttca ccagcaccgg ctccagtggg 60  
 ctctgtgagt accggcctcc gccatcctgg ctgtccccta cagccacccc taggcacctc 120  
 tttgaggagg ctggggcagc ggtgaccctc gggtttgccg gaggtggtgg ggccgaccct 180  
 ccagacccgc gtccgaaccc tgctagtctc cggctcttggg ggtcaacgga aaccgtcccc 240  
 atttcggcct ggaggggcca atggggacca agccccgccg tccgccccga cccacacctg 300  
 tatccccagg tgcgcttgcc agaagtatct tgacaccagt agtaattggc ctggtgcctt 360  
 ggtgccctaa cttgtcatat cggaatgtct ctaattccg 399

<210> 113  
 <211> 359  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(319)  
 <223> similar to gi439877 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 113  
 ggaagaatat cctcttcaac aaatgatgct gggacaacta gatatccaca tgcaaaagaa 60  
 tgaagtggga ctgttccctc atgctacata taaaaattaa ctcaatgtga tcaaagacct 120  
 aaatataaag agctcaaaact atgagaaaag acataggggt aaatctccct gaccttggac 180  
 ttggcaatgg tttcttaaat atgataccaa aagcacaagc aactaaagaa aaaataataa 240  
 attgggcttc aacaaaatta aaaacagaaa gtgaagacaa ctacacagaat gggagaaact 300  
 atttgcaaat cacatatatt gtatctgtta cctgtattat gttacttata tctcgtgcc 359

<210> 114  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

094677.01300



<220>  
 <221> misc\_feature  
 <222> (43)...(333)  
 <223> similar to gi562757 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 114  
 ggcacgagga tgctcaatgg ccttgatgtc ctccgcaaag taaacatgtg aagtactctg 60  
 gggattcaca tgatagtgcg acgtgcgagt cttctgactg tgtgccgact gttatacttg 120  
 acctttgaag actgggttca tactatgact gctactcaga ttaccctgt ctcattcccg 180  
 caataatgtc accctttata taccacaatg ataagggtaca accccagact ctgtcgacta 240  
 tcgcaagaca ggatatgtta ctcctgacag aaatcatgct cattgcggat cctgctgggc 300  
 ttttatctct gtgtttgccc tggagggccca c 331

<210> 115  
 <211> 399  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (11)...(399)  
 <223> similar to gi285985 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 115  
 ggcacgagtg ttattggagt caagaggagg taaactcaaa acacatctca ttttgtcatg 60  
 aaaaattcag ctagtttctt tgggaatttga agtgtacaca ttataaagac ttataaagct 120  
 taataagtta aattgaaagg attattaatt gatttttctg tcctttgtat ttcagggtatc 180  
 tatcacttcc aaagttcagg agcttcagaa cttattatta ggaactgagg atcagatgaa 240  
 taccatgaat gctgttctgg aagaaaatga gacatgacca tacctataca ggtaaatttg 300  
 tacacgtgat ataatttgct gttacaaatt acttgtttat agtctctttc gtattaattc 360  
 atcatactct tataactatc agtataaata gcgtggacg 399

<210> 116  
 <211> 657  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (14)...(658)  
 <223> similar to gi5726238 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 116  
ggcacgagag cttcaatacc tggatatttat cagtagcaag gcttggccca gctagaagtt 60  
ggaagatggg gagacctagt cagctgggga aaataacaac tataatacta tcctatagct 120  
agatctcttc aaccacagag aaggaaaatg gtccaaaatt ccatatgtat aggccttttt 180  
tgccctgcag aataaccgca agctctgtca gcaatgtata atagaccttg cacttatagc 240  
agtgatatcc agccagactt aatccagaca gaagggaata aacagtctgc ctcccttagaa 300  
gaggagacag aggccctgc accagcccag gtcccagctc ctcttgatc atctcgctcc 360  
ccttatccag gccccctttt gaacctcatc ctgttagaag agttcgacct ggatgcgctc 420  
cagcatcact tcttccttta caggaaatgc atagtgaata tggtcctatc aaagtacaag 480  
tccccctttt tttacaagat ttgaggcaga taaaaagaaa tctaggacaa ttgtgtcgac 540  
ctggataggt atattgaagc ctttcagAAC cttaatcaaa tgtctgagct ttcattggaag 600  
ggtatcatgt tacttctcaa ctagactctt agagcttcag agaagcaggc ggcttta 657

<210> 117  
<211> 348  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (11)...(259)  
<223> similar to gi4760577 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 117  
ggcacgagat tttcatccaa aacaaacact ggacttcctg cggagtgaca tggctaattc 60  
gaaaatcaca gaagaggtga aaaggagtag agcacaacag tatctagatt tgacagtagc 120  
ccggaacaag tggaccctga tgccgaagtc gatgcagccc catctaccac atcttcatgt 180  
ggacattgag attcacacgc tggctcctga aggggtgctca gtctccttgg tgattaaggt 240  
cctgcttgaa ctggtgccaa ctccatggca ggggaagttgc ttttggttgc ctggctgggt 300  
ttcccagatc ccttctgagg caaggagcta tcagaccctg ctttcaag 348

<210> 118  
<211> 426  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (58)...(351)  
<223> similar to gi5360093 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 118
ttgcctagca catggcaggg tgcagcgcct gtctgaatgt gtgaagagtt cttagtgatg      60
ggtaaagggt gttcctgtgt gtttttagatt ctgctcagca atcctcagat gtggtggtta      120
aatgattcca atcctgaaac cgacaaccgt caagaaagtc cttcccagga aaacattgac      180
cgagtgaagt acaggccttt gtgccctcag cttggacagc ctcgggtggg gttgcttggg      240
gtaacctggg tgaatcaggc agcaggactg ggggagtcct tgctgaaacc ttggctccca      300
ggctccaggt gtaacctgcc cacctcagag gccaccacg cagtaacaga gggcagggga      360
ggcctccttg gaaagcagga aaactgggga agtgtcagga agttctcttt aggtttgctg      420
cctttg                                           426

```

```

<210> 119
<211> 417
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(417)
<223> similar to gi4240195 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 119
agagagaaga aaagaaggac caaaggaata gtcagcagat atggagaata atggatgaga      60
agaggaaaga ggggaaaaag gagggagaag acagaatgag aagtgaaaaa gagaaaaggg      120
aaaggattaa agagataaaa atgagaaaag aaaagaagag agaaggaaac gagaagaggg      180
aaacaaaagg aaattagcag ttaaaaaaaaa gatagcgtaa cattggaaaa tgaaaaacaa      240
gaaaagtaaa acagggcaca caggagggat ggcagcaaag gatcagcagc aagaaaaggg      300
agcgatggga gggcatggct ctcagagaac ccacccttgc ccaccagcc gtccagcccc      360
tgccgcatgc aggcttactg aatgaactgc agccctttct cgatgtccgc tcgtgcc       417

```

```

<210> 120
<211> 379
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (376)...(379)
<223> similar to gi5912574 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 120
ggcacgagat taatacatca aaatTTTTgc atatcttatt aatgtatcga ataattaggc      60
taaatttttg cataacttat tgatacatca gaaggTcaac aacatgaatt caaggatgcc      120
tatgttctgt tgagtgaAAC agaaatgtct agtgcccagt ctattgtacc tactcttgaa      180
attgccagtG ctcagtatac acctttgggt gtcattgctg aagatgttga tggagaagct      240
ctatgaacct tccttttgaa taggctaaaa gctggTcctc aggttatagc agtaaaaagct      300
ccaggtttGt tgacaataga aagaaccagc ttaaagatat ggctcttgct gttggTggtg      360
cagtgtttgg agaagggggg                                     379

```

```

<210> 121
<211> 361
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(345)
<223> similar to gill196433 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 121
ggcacgagac tctttccaca tctattcaac actgtgtggg aggttctagc gagagcaatt      60
tggcaagcaa aaagaataaa agtcatccag attagaaaga aagaagtaaa atgatctcta      120
tttgagatG acataatctt gtgtaaagaa aaccctaagg aatacacaca cacacaaaaa      180
aaaactatta gaggtataaa atggatgcag caaaattgca ggatgaacga ttatatacaa      240
aaatcaatta gttccatact ccagcaatga acaatctgaa aataaaaaatt taaaaaaaat      300
ttcattttata ataacatcta aaaaaataaa atacttgga atataacacc taaagtgcac      360
t                                                         361

```

```

<210> 122
<211> 371
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(372)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (264)...(371)
<223> similar to gi695632 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

```

<400> 122
ggcacgaggg gacttcacag gctcggagtg aggattgaat gatgcagttt gcacagaggg      60
cttagcacag gacctggcac attgcaaggg cccaagcaa catgtgggaa ggggcgtgga      120
acaggtaca gccggccatc tgggatgaag gccatggngt gggccgtggt cataagggtt      180
gggtcccaga tgacaagggc agctgaatgg agaggggtgca gtgcagccgc acctgccctc      240
tcggccacct ggctctgcag ggagtgggtga ccatcaacaa gaagaggaac cttgtggtgt      300
ctgtggacga cggtggcacc ttttagtntg tttgcaccga ntgtggaang ggacctcgnt      360
ccaccaggac c                                     371

```

```

<210> 123
<211> 392
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (121)...(290)
<223> similar to gil906810 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 123
ggcacgaggg gagaaggcgg ggctgggcct cagcttccca aaggtttttg aggaactggg      60
cttttctgac accctcaaag gtcagaaggt taaaggggca gaaggcattc ggaaagctcc      120
cctcccacag tgacacctct ctgacttctg acctagggtt ccaccaccgc ttcaatccca      180
atgcctccag ctccctcaag cccagtggga ccaagtttgc cattcagtat ggaactgggc      240
gggtagatgg aatcctgagt gaggacaagc tgactgtgag tggcctttga ctccaggaag      300
cctcgagcct gggagaacct tgttgtctaa gatcatctgg cttagggagg ggcttgaggt      360
gcagggggctt cctgagccga tggatggggc tt                                     392

```

```

<210> 124
<211> 388
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (10)...(367)
<223> similar to gi2072971 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 124
ggcacgagat gctgttgaaa agttgatttg agaaggaaat gccataaag actcaaaaga      60
aaataactaga aattaaaaag aaaactaaca gaaacaagga atgcctttga taggttcac      120
aatggactgg acacagctga ggaaaaagat caatgagcta aagatatgtc agtagaaacc      180
tctcaaactg aaatgcaaat agaaaaaaaa gactaaaaaa taaaacagaa gagaatatcc      240
aagaactatg ggacaatttc aacacaagta acatgtgcta aattggaata ccagaagaag      300
gaatagagaa tgaagcagaa gaaatatttg aagtaataat ggcagataac tttccaaaat      360
taatagacac caaacaatac atccaaga      388

```

```

<210> 125
<211> 386
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (128)...(378)
<223> similar to gi5832878 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 125
tgcattgttta ctttattaga gtaggaaggc tactggcatt aattattaat accaaatatt      60
ttagccttaa atttttgtca ttttaaaatc tgatttaatg ttttctgctg ttttaaggct      120
tgggaggctt tcaattgcat tttatatgac agaatcactc tttttgtgc tatttatggt      180
cttgcttata tataaccttt acttgtttaa attgtgattt ttataacctt ccacttctca      240
gttctatatt taactttttt tattattcct tatctttggt tattttatgt tgtacttctt      300
cgttttttat tttattacgt tctgctttta tgactctttt gtttctagta ttcttttctt      360
tattgcttac tttatttatc ctgttt      388

```

```

<210> 126
<211> 370
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (121)...(363)
<223> similar to gi5832878 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 126

```

gctgatgttg	gggagacgga	cctcagtg	ttttatattg	tctgggtg	agatgataaa	60
ttacttggtg	attacgagca	aattttctat	ttgacaaagc	ccttgggtgga	gtccaaatga	120
tttttctgta	ctatatgttt	cttttacaca	tacctatggt	atgattatat	tcacactttc	180
atatacatgt	ttctcttaca	cattcgtttt	ataggatatta	tctttcattt	tcaatgtggt	240
tcttttacta	tatatctctc	tttatattat	actcttttac	ttatatattat	tattttcttt	300
ttattttctt	attctaattc	tttactatta	ttaatatatt	ttttttttct	cttcttttta	360
tattatttat						370

```
<210> 127
<211> 1175
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1177)
<223> similar to gi5441611 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<210> 128
<211> 436
<212> DNA
<213> Homo sapiens
```

<220>  
 <221> misc\_feature  
 <222> (9)...(393)  
 <223> similar to gi439877 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 128  
 ggcacgagtg cttatcaaaa gacaccatta agaaatcaac tggcaagctg tagaataaga 60  
 ggacatatc gcaaaccata tatctgacaa aggacatatc cagaatgtat agagaaccca 120  
 taaaactcag taataaaaaag aagaacctaa ctaaaagaca gaaaaaagac ttgaagaaac 180  
 gccggacaaa agatggccca atacatacat gaaaaagtat acatcatgga tcatcagaaa 240  
 aatgcagttt gagactataa taagatacta ctacgcatac ccattagaac agctaaaagt 300  
 agaagattga caacacaatg aaaagattgg caagtgcctg tgaggatgtg aagcaaccca 360  
 aactctcata cattattggt ggggggtgtaa gtaaaatggc acaactactg tcgacaaaagg 420  
 gcttgaagtt ttctgt 436

<210> 129  
 <211> 669  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(670)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (5)...(669)  
 <223> similar to gi2072958 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 129  
 ggcacgagac agactccagt aataaaaatc agaaatgaaa gaagacattg caactgatga 60  
 tacagaaata caaatgatca caagagattt ctagaaacaa ctatataata ataaaatttg 120  
 acaacttcaa agcaatggat aaattcctag gaatttacca agcctgactc atgaagaaat 180  
 aaaaattctt tgtagaccaa taacgagtaa ggagacgtaa tctgtaatca aacagggtccc 240  
 aacaaggaaa agcttaggac cagtgcattc actgaagaat tcttgagcc atttaaagaa 300  
 ctaacaaaaa tccttctcaa actcttgcaa aaaatttaga acaaacctcc aaattcattt 360  
 cagaagtcca gcattaccct gataccaaaa tcaggcagat actttaagaa acgaaaacta 420  
 caaaccaata tccctgatga atgtcgcgtc aaaaatcttc agcaaaacac tagcatgctt 480  
 aattcaacaa cacattaaga gttacaccaa ttacttttag aatgcaagaa gatgggtcaa 540  
 tatatgaaaa tcaaattaag acatcacatt aacaaaataa tgggacaaaa accacatagg 600  
 gccagggggc agtggccttca tgcctgttaa tttccagtac tttggggagc ccgtgggtgg 660  
 ggcagnttc 669



<210> 130  
 <211> 321  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (4)...(25)  
 <223> similar to gi4884104 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 130  
 ggcacgagga gccaggaggg cctccagggg ttccttggtg aggctcaccc ggacaatgcc 60  
 tgcagcccca ttgcccacc acccccagcc ccggtcaatg ggtcagtctt tattgctctg 120  
 cttttaatac ttcactgtat tttgacctca cggattttcg cgtccatttg gctatattta 180  
 ttgacttttt actacaatct tccttttcat cataattgct ctaactttca tccttgtttt 240  
 aacctctttc attttattcc tattttttctc catgacttat catcccctgc tcaatccctt 300  
 tattatttta tatttacaat g 321

<210> 131  
 <211> 439  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(440)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (9)...(288)  
 <223> similar to gi2065209 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 131  
 ggcacgagga aatgcggatt aaaagatggc ccactgtgag tgagctagca atgcctgata 60  
 tcccttggtt taatgtagag gaagggatcc aaagggttaa ggggattggg atggtggagt 120  
 ggattagtca ctttagacag actcatccca gctggaaggg accaatgcct tgtgcaatag 180  
 atttgtgaga gcagcacctg cacctttgaa aagccctgta attgcttttc tctagatgtc 240  
 agatctaata gtgggaactg cagtcactta aatacaaaat ttaaataccat gcctataatt 300  
 gttgcagcac tatttacaat agcaaggat gaaatcaacc taagtgccca tcaatggtag 360  
 actggataaa gaaaatgtag tacatatata tcttgggaata ctctacaggt ataaaaagaa 420  
 tgagatcatn gtctttgca 439

<210> 132  
 <211> 603  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (6)...(301)  
 <223> similar to gil87171 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 132  
 cagcccgtaa ggatgatcta cctccaaata tgagattcca tgaggagaag aggctggact 60  
 ttgaatggac actgaaggca gggtgagaaa aaggctagcc ctccaagtga aataagggct 120  
 gggagggcca agaattgatga tagacggtga gggactgagg gatcagctga tgagttaagc 180  
 ctcaacacct gtcctagggc tttgcagatg gccctcaaac gtgtttacac ctccttgagc 240  
 tcctggaact gcctagaaga ctttgatcag atcttctggg gccagaagag tgccctggct 300  
 ggtcagtgtt tccccgaggt ctccataatc ccttaatggc ccctctggat gactcatcac 360  
 actccacagt cccccgtaac tctttgcaag aagagacctt atcatatctg gtcaactcag 420  
 agaggccttg agaatgaaaa cgcagaagct ggggttcaggg aggggttatat acctgaaccc 480  
 ctggggtaga ttttgagaga gggatatgca ggctgtggta catatatcct cctttcaccg 540  
 cccaccaaag agaacgttcg ccagtgtctg caggatgatg agttgttcag cttccctcgt 600  
 gcc 603

<210> 133  
 <211> 332  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (133)...(264)  
 <223> similar to gi347319 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 133  
 ggcacgagga catctaccga ccctacttta ttttttagga aaactttgta gcggccttat 60  
 caaggtccag cccagagcat tgcacagagg ctgtgccatg taaacactca ctgaccccat 120  
 ggcgagtga tcccttctca cctttgcttg tgtctgctag agacagaatg gatgaagcgg 180  
 aaggcgtctc ggaggggagc ataggaagag gaggaggagg aatacgacta ctctggagag 240  
 gacatgaagg ctatcatgga gcgtcacaga gaggaactca ggtactacca acttgtgaaa 300  
 gatgatcttg aaagattaga tggaatagcc ag 332

<210> 134  
 <211> 373  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (128)...(364)  
 <223> similar to gi535586 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 134  
 cccacgcgtc cgctcctgac cgggccttca ggggtggacag agggaggatc ggcatggca 60  
 gccacacctg ggcctggcct tgctccggga cctgccagag gagctggcct ggctctgtgc 120  
 ctgcctgcct ccaggagcag gacggtggct gggagggtag tgactgggga cacaggtgca 180  
 ggtgttagtg caggaccgga aggggtgaggt ggcctgggtcc tcggggctcc tggcctgggc 240  
 tggctgaggc aggactctgc caaaagtccc ctgccaggcc tcatgggtgg gctcctgggtg 300  
 gcagtggctc tctggccgcg ggccctgtct gtgtctccgt ggtggctctc acagggtctct 360  
 ccagacactc ctg 373

<210> 135  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(336)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (335)...(21)  
 <223> similar to gi456090 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 135  
 ggcacgaggc tgaacttcag gtggatgatg agacaaaata gaccgatagg aatcgtctgg 60  
 ctatatactc cttgttgcca ctgctgagtg actagactgg ccagagatc cgcgggtgcac 120  
 atgctggccg ctctccctc agaaaaaggc aatggcctaa atactgttta aatgacctga 180  
 ctgatgctg tgggaaactg gctgctctgc tgcattgccg gtgactgtca gtccaaccgt 240  
 tacatttgcc acgtttctca cacgggggat agacgcaatg cgcccaggtc ccagttttct 300

ttggaggcag cagctctcgc agggctgaat gttgn

335

<210> 136  
<211> 543  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (3)...(397)  
<223> similar to gi5689485 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 136  
cagaaagaga agtagttgtg agacaacttc aacaaaaaca gggtgacgtc ctaaacaatc 60  
aacaacaaaa gctttgctgg atgcttcatt gcgtcactgc gtccattgag aaagtgagat 120  
gtaggattca aggaagaaaat taggtcagat gagaattcaa tttcaagaaa aatggaatca 180  
acttacagcg actataaaaat gtactaagga gacgcaaggc cacgtacaaa aacttgaaat 240  
agaaaattct agtgtaaga aatacaatta aaaagcaaga tggccaaatt gagcagcttc 300  
agaaaatcct gcgaagttca agtttgatgc agcagttatt gcaagaaaat gaaactacag 360  
aaatagatga agcttcttct gaatttaaat ctggatcctc tgtagcagag gttcccaacc 420  
tacaggccat ggacaggtcc atgacctgtt aggaaccagc tgcacagcag gagagttact 480  
gtggatcttc tagatcatct gcatgccatg tgaatcttaa aaccagtttt taatttctac 540  
aaa 543

<210> 137  
<211> 403  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (92)...(298)  
<223> similar to gi3600028 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 137  
agatgaaggt gatgaagaca gggttgacaa tgcagtcagg ggccctgggc ccaagggggc 60  
agttgggacg gtgtcggaag ctgagcttgc tcggaggctc accaaagtaa agaacagccg 120  
gcggatgctg tcaaataagc cacaggactt ccagatccgc gtccgagtga ttgagggccg 180  
acagttaagt ggtaacaaca tatggcctgt ggtcaaagtt cacgtctgtg gtcatactca 240  
ccgaacaaga atcaatatca tgaaactacc ctatTTTTga tgaagtagta tttcaatcag 300  
tcaatgttat cccatctgat tacgtgcatt agatatccgg catccaggtg aattccttcg 360

001219"52289460

aatttctgac aattacctta taaatcgcat gtcattgata acg

403

<210> 138  
 <211> 346  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (91)...(347)  
 <223> similar to gi530878 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 138  
 ggcacgaggg aagaggggaac gggtcctggc ggtgctttgc aaagggcccg tgtttctggt 60  
 gcgggaagct cccggggggtc gcacgtgcgt cctagcccac gccctcccc tccactcccc 120  
 ttcttgctgt ccccggaacc acctagcgga tacgtctctc tcctccctcc ttgacgcctc 180  
 tcgtccctcc aaaccatctc ctctacatg cctcacttc gcctctttcc ctcccatcct 240  
 cacctctctc cccaccccg attgccatct cctcatcccg actcccaaga ctccatctct 300  
 gctcgccgtc tcttcccccc ctcatcctct cctctcteta cccccc 346

<210> 139  
 <211> 1672  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1672)  
 <223> similar to gi3002527 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 139  
 aacctccgcc gcccggggtc aggcgattct cctgcctcag cctcctgagt agctgagact 60  
 acaggcacgc accaccatgc ccagctaatt tttgtatatt tagtagagac gaggtttcac 120  
 catattagcc aggttggtct ggaactcctg accttgtaat ccactcacct cagcctccca 180  
 aagtgtgagg attacaggcg tgagccactg caccaccac attaaacttt tattacttaa 240  
 catatctgag cacttctgtg gagccaggca ctatgggaga ttaaaaagca ttaaagtgtg 300  
 tccttgacat tattgtgaag ctctgagaag atgtcatgca aagacacttg cctatgtgcc 360  
 actgccacc tctgccctgc tttttgggtc aaggtacctc caagcgctc actcctgcag 420  
 ctgcattttt ttttatttat ttttttttg agatggagtc ttgctctgtc acccaggctg 480  
 gagtgactg gtgaaatctc ggctcactgc aaccttcgcc tcccgagttc aagtgattct 540  
 cctgcctcag cctcccaagt agctgggact acaggatatgc gccaccacac ctggctaatt 600

tttgtat	tttt	cagtagagaa	gggtttcacc	atgttggcca	ggctggtcgt	gaactcctga	660
cctcaggtga	tctgcccact	tcggtctacc	aaagtgttg	cattacggcg	tgagcacctg		720
gccacgcagc	tgcaatctta	ggcccatcat	tccactgagt	tccgaagaat	atagcctttt		780
cctgaagaaa	ctccttttctt	caatgcttca	ggccagttgt	gagtctctaa	gtaagtggac		840
aggatatcaa	acacttgatt	gatggccagt	atctctgaat	gatagttttt	cccattctgg		900
tttctgacca	tgtattcctg	gattggcaag	cgtgcggtct	tgacagagta	ttcccgggcc		960
ttttgaaatg	tcaccttctt	ctgaatgctt	tcatccacaa	gcccaccgag	gatgtaaaact		1020
ttgttttagat	caacatcttc	aagagcgtgt	tctgagtcag	gagtcaggta	cacaagggtt		1080
tccaagggaa	ataaactaaa	gcagtcttct	tctgttatgt	ctaacaggta	actagaaaat		1140
ccatcattca	tcctcacaca	ctcttcataa	aggggactgt	ctgttgtgaa	tccagtgagg		1200
cagatccaaa	atggcctgtc	agcttttttg	tttgaacat	acaaccttcg	aatctgtcca		1260
gccagtctac	ttaattctag	tttactaagg	aatcccagaa	gctggagttg	accatattct		1320
tcggaaagct	gtacccttct	gggcctccct	catggcgagc	aggaattcca	ggcttagtgg		1380
atgttctacc	ttctttgaca	tgtagtgggt	catactcaaa	tcgatacata	gtcttggtcc		1440
tgagtgtttg	gcttccaaaa	gtttgtcttt	ggttagagct	ctcaggaaaac	gtttgctgtg		1500
ctggggggcaa	atgccgagca	ccatgccgta	ctgcctgtgg	ccaggatctc	tccctcctgg		1560
cactcgcctt	ccgcatcgat	ctgcagaagc	tggaagcctt	caggaagtcc	atcttcacct		1620
gtctcctcta	ggatgccttc	ctcgtgccaa	gcttagcgta	atcagggttc	at		1672

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<210> 140
<211> 326
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (9)...(326)
<223> similar to gi2981631 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters-

```

caatccacac	tatagaccaa	atggatctaa	tacacattta	taggccattt	catccaacag	60
ctgcagaata	cacattcttt	tcctcagcac	atagaccatt	cttaaggaca	gaccatatgt	120
taggtcaata	aacgagtcct	aaaactttcc	aaaaaactga	aataatatga	agcatcttct	180
ctgaccacaa	aggaaaatta	gaaatcaata	acaagaggaa	ttttagatac	tatacaaaata	240
tatggaaata	aaaaaatatg	ttcctgaatg	gccaatgggc	caatgaagac	attaagaaaag	300
acaactgaaa	aatttcttga	aacaaa				326

```

<210> 141
<211> 689
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (11)...(559)

```

<223> similar to gil749794 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 141

ggcaacatac	attgtggact	ttggcttcag	tacaacattc	agagaggggc	agatgctgac	60
agctttttgt	ggcatgtacc	cctacgtggc	cccagaacgc	tccctggggc	aggcatgcca	120
gtgacccgcc	aggacatac	aaagcctcag	tgtcatactg	tatttcagga	atacagtagg	180
tagaagggcc	aggactttgc	ccttttactc	agggaagcct	ccaaacttca	agaaaaaatt	240
ctcacaggaa	gatatcatgc	cccaccactt	cttgcccttc	aacttgactc	attaaaaaat	300
tactaatgct	gaacgccagg	aagtgtcctt	cactgtaact	gatgaaaaat	ccatgggtga	360
aaagtagcca	gaagatgcca	ctgataccat	acgaagagcc	actcctggac	caccccaaac	420
aatccagctc	atggtggcca	tgggatttca	ggccaagaac	atctctgttg	caatcataga	480
aagaaaaattc	aactatccca	tggccaccta	cctcatttta	gagcacacaa	aacaagagag	540
gaagtgtccc	accatcagag	aactgtccct	tcctcccggt	gttcccacct	ctccttcccc	600
atccactgaa	ctttccacct	tcctctctc	actgatgcgg	gctcataggg	agccagcttt	660
taacgttcag	cctcccgaag	aaagccagg				689

<210> 142

<211> 2368

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (524)...(2261)

<223> similar to gil228035 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 142

cgagaaagag	aaagttggaa	ggaagggcaa	gcatctgttg	actgttgatc	agaaacgtgg	60
agagcatggt	gtgtgtggca	gcacacgtaa	taatgagtca	gagagcactt	tggatttaga	120
aggcttccaa	aatcccacag	ctaaagagtg	tgagggactt	gccactttag	ataacaaggc	180
tgatcttgat	ggagaaagta	cagaaggtac	tgaggaacta	gaagactctc	taaaccactt	240
taccactca	gtacagggcc	agacatcaga	aatgattccc	tctgatgaag	aggaggagga	300
cgacgaagaa	gaggaggagg	agaagaacc	taggctcacc	attaaccaa	gggaagatga	360
agatggcatg	gctaataga	atgagttaga	caacacctac	actgggtcag	gggatgagga	420
cgccctatct	gaagaggatg	atgagttagg	cgaagctgct	aagtatgaag	acgtgaaaga	480
atgtggaaaa	catgtagaaa	gagctctcct	agtggaaact	aataaaataa	gtctcaagga	540
agaaaatgta	tgtgaagaaa	aaaattcacc	tgtggatcag	tctgattttt	tttatgaatt	600
cagtaaacctt	atcttcacca	aaggcaagtc	tcctacggta	gtgtgcagct	tatgcaaacg	660
agagggtcat	ctaaagaagg	actgtcctga	agacttcaaa	agaatccagc	tagaacctct	720
gccaccatta	acacccaagt	ttttaaatat	cttagatcaa	gtctgtatcc	agtgttataa	780
ggatttttct	ccaacaatta	tagaagatca	ggctcgtgaa	catattcggc	aaaacctaga	840
aagtttcata	agacaggact	ttccagggaac	ttaattgagc	ctgtttggct	cctccaaaaa	900
tggatttggt	ttcaaacaga	gtgaccttga	cgtctgtatg	acaattaatg	gacttgaaac	960
tgctgaggga	ttggactgtg	tcagaactat	tgaagaatta	gcaagagtcc	tcagaaaaca	1020
ttcaggtctg	agaaacatct	tacctattac	aacagcaaag	gtgccaatg	tgaagttctt	1080

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ccatttgaga agtgggtctgg aagtagatat cagtttgtat aacacattgg cccttcataa 1140
cacaaggctt ttatctgctt attccgccat tgatcccaca gtgaagtatt tgtgctatac 1200
catgaaagtg ttacaaaga tgtgtgatat tggggatgca tttagaggcg gcttatcatc 1260
gtatgcatat actcttatgg tgctatatatt tctccagcag aggaatccac cagtcattcc 1320
tgtccttcaa gagatataca aagggtgaaaa gaaacctgaa atatttggtg atggctggaa 1380
tatttatttt tttgatcaaa tagatgaact gcctacctat tggtcagaat gtggaaaaaa 1440
tacagaatct gttgggcagt tatggttggg ccttcttcgt ttctacacag aggaatttga 1500
ttttaaagaa catgttatta gcatcaggag aaaaagtctg cttacaactt ttaagaaaca 1560
gtggacctca aaatacattg ttattgaagg ctggaatgca atggcgcaat cttggctcac 1620
tgcaacctcc acctcccggg ttcaagtgat tcttgtagct caccctcctg agtagctggg 1680
attacagatc cctttgatth gaatacataat cttggagctg gattatcaag gaaaatgaca 1740
aattttataa tgaaggcttt tatcaatggt agaagagtag ttggtattcc tgtcaaggga 1800
tttccaaagg actaccctc aaaaatggaa tacttttttg atccagatgt gttaactgaa 1860
ggagagctgg ccccaaata tagatgttgt cgaatttgtg gaaaaatcgg acacttcatg 1920
aaggactgtc ctatgaggag aaaagtaaga cggcggcgag atcagggaaga tgccctgaac 1980
caaagatacc ctgagaacaa ggaaaaaaga agcaaagagg acaaagaaat tcacaacaag 2040
tacacagaaa gggagggtgc aacaaaaaga gataagccca tacagtgcac acctcagaaa 2100
gccaaagcaa tgcgggcagc tgctgacctg gggaggggaga agatcctcag gccaccagta 2160
gaaaaatgga agagacagga tgacaaagac ttaagagaaa aacgttgtht tatttggtga 2220
agagaagggc acattaaaaa ggaatgccca cagtttaaa gctcttcagg tagcctttcc 2280
agtaaataa tgactcaggg aaaagcctca gcgaagagga cccagcagga atcatgaggg 2340
aaggaaaatg cagcactcta aatggccc 2368

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<210> 143
<211> 707
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (24)...(683)
<223> similar to gi3834293 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 143
cccacgcgtc cggatggacc ccaggaacca cccagacctt aggacagggg acagcatggg 60
acacagttgc ttccactcca ggaaccagcg agactacagc ttcagctgag ggaagacgaa 120
cccaggagc aaccaggcca gcagctccag ggacaggcag ctgggcagag ggttctgtca 180
aagcacctgc tccgattcca gagagtccac cttcaaagag cagaagcatg tccaatacaa 240
cagaagggtg ttgggagggc accagaagct cggtgacaaa cagggctaga gccagcaagg 300
acaggagggg gatgacaact accaaggctg ataggccaag ggaggacata gaggggggtca 360
ggatagctct tgatgcagcc aaaaaggctc taggaacct tgggccacca gctctggtct 420
cagaaaacttt ggcttgggaa atcctccac aagcaacgcc agtttctaag caacaatctc 480
agggttccat tggagaaaca actccagctg caggcatgtg gaccttggga actccagctg 540
cagatgtgtg gatcttggga actccagctg cagatgtgtg gaccagcatg gaggcagcat 600
ctggggaagg aagcgtgca ggggacctag atgctgccac tggagacaga ggtccccaag 660
caacactgag ccagaccccg gcagtatgac cctggggacc ccctggg 707

```



<210> 144  
 <211> 475  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(476)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(475)  
 <223> similar to gil408210 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 144  
 tttgtggttt taatccttat gtcttttttg cagctaaggc ggaccagctc caggtaagca 60  
 atactcaatt gaccttaaat cttgctggtt atatcactgc attaatcata gcacattgca 120  
 aacatgtaat atctctactt tgatatctgg gtcacattcc tgggctatgg attctcatta 180  
 atctgtctga gccttgtgat gccacccctg tttggcactt tgtgaaactt cttctaacta 240  
 aacttactca tcatgcctgt agagcctcag gcatcataat ttttgctatt gtttcttttg 300  
 tcacactaat cacttctgct gtaatgtcct ctgtagcttt gcatagtctt gttcaaattg 360  
 gctcagtatg taggagggac tgggagggcat gcagccaact aaggcatggg ctactttcag 420  
 tgttaaaatt taacactgag gttacaaact gaagtngggt aatgttttaa ntccc 475

<210> 145  
 <211> 2032  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1992)...(232)  
 <223> similar to gil9867 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 145  
 tttttttttg ggtgatcaag tcttgattaa atcattcatt cattcaacat ttattgagcg 60  
 cctactgtgt gctaggcgac cgtgctaggc gcagaaatac agagatgcat aagatacagt 120  
 ccatgccctt aaggattcac agtctagaag gggagacaaa catgtaaaca agtaaaatac 180  
 agtgtgataa gtgccacaag agaagcattg acaaagtgcaggaggtagcct ggaggggagg 240  
 ggcacagggg ttgccttcct ggaggagggg gcctttgagg ggatcgtgag agatgaactt 300  
 gccaggcaga caaggcagga ggagcagggg aaggcattcc agtcggaaga aacagcatga 360  
 gcgaaggcac agaggcatga aactgcatgt cttgcttggt gagtggggaa ctctaactag 420

tctggtggtg	ttgctaaagt	gtactagagg	ctgtggctag	agaagggggc	agaggccaga	480
tcatgagggg	aaactgaggg	caggggcatc	ttggagggtc	accagaggtg	agcagagccc	540
gagggcaggc	tttgacacag	gaaaagaggg	ctcctggctg	actcaaggta	cacctgcctg	600
aggaccacag	ggttcctcgc	tgtggctcca	aagggatctc	gaccaagag	tagaggagca	660
gcagagctgg	aggtgaagca	gaggggtcgg	gccaggctcg	ggaccagag	ctgccatgca	720
ctcccgcgct	ctcacagact	tctgatttcc	aacctgcacg	tcagagcccc	ctcctgccag	780
ccggatgggg	gcctggatcc	agtgggaaat	cacatgggaa	tatggctggc	aaactgcaaa	840
gggccagatg	agtgtcaggt	tacagaataa	atctttacta	actcaaagaa	gaaaagggct	900
gcggataaaa	caggaaaggt	tagatggagg	agggcgggca	gacgggccta	agaacaaggg	960
ccaaaatgag	aatacagcat	cggccaaaga	ggaccgtggc	tgtctctccc	ctggcaagga	1020
ggggcccttt	tggcccaggg	cacaggcaga	ggccagtggg	tacaaccagg	ccagatgtgc	1080
aaggagagca	tgtgacctgc	aagactgtgg	ggctccacac	tccagactcc	agtgtctcct	1140
tagcccaatg	aggagagggt	tccttggcaa	tcaggacctc	ctctcttcca	ggctgttaggg	1200
aggccactga	ggcagagagt	ggccagccag	cattccagcc	cttcagtgtt	cttaggaatg	1260
gctctgtctg	aaaaatggct	ttgcagggat	gggtggggca	gggaggctgt	gggaagaggg	1320
cagagtctca	ggacaccaga	gtccagctgc	ccatctgagt	ggtgcttttg	taaggcatca	1380
cacttgaggc	actgtgagg	ggctgagctt	ctttcccaac	catggatggg	ggaagggcaa	1440
gatggaccct	gggttccagg	gctacagtga	gatgaggcct	cctgacggag	aagctaacag	1500
cagcccccat	gtccttgctg	ccgtcccagg	agtagggaag	gaggagggga	ccctcccagt	1560
tggtagggtc	tggagatgtc	ccgagacccc	tcctttcctc	ttgccgttga	tgaggcagcc	1620
tcgcgctgcg	gggttcccag	cctccaacag	gcccccttct	tttggcctca	cagtctcatc	1680
gcctgatccc	tcccctcccc	tgagcagtg	ggggggatga	tgcccgcctt	ggtgccgatg	1740
gagttgggtg	tgttagcgat	gagaaggatg	atgagggtgt	ggtggtggcg	gcctccccat	1800
gcggggatgg	ggctgggctg	ggggcgctgg	gggcatcact	tgtctcttgg	catatccttc	1860
agccggcgga	gctcttccag	gagctggggc	cgggagtagt	catcatcccc	agtgggggcc	1920
ggccccggcc	ccagagcctc	ctgtagcgcc	aggcagtggg	ttctcaggaa	cgggttgtag	1980
gagcgctcct	ctcccagggt	agatgggcac	gtgcccttgc	gctccagccg	ct	2032

```
<210> 146
<211> 675
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (51)...(520)
<223> similar to gi2981631 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	146						
acttcagcct	gggcgacaga	gcatgatcct	gtcttaaaaa	aataaaaaaac	ataaaaaggtt		60
caatacagca	agaaggttta	acagttgtta	acatgtatgc	tcctaattgac	aaaccatcaa		120
cataatatgaa	acaaaaattg	acgtaattga	agggagaagt	acaatttctac	attaatagtt		180
ggagacttta	atatcccaat	ctcagtagtg	gatagaacca	tcaaaatcta	agcaaggaaa		240
tataggactt	tcacaacaca	ataaaccaac	tagatctaac	aaccatatac	agaacactct		300
acccaacaat	gaaatacaca	ttctttctcaa	gtatacatag	gataaattcc	aagataggtc		360
ataaattaag	tctgaattga	ttttaaaaaga	cagcaaaaaa	tcttccctga	ccacaatggg		420
atgaacttag	aatcaaaaaa	caaaaaagaaa	actggaanaa	ttaaaaatca	tagaaattaa		480
cacactctta	accatttagat	caaaaaagaa	accaccggc	attggttgaa	aatcaccccc		540
cggctttggc	catggcagcg	ggtgagattc	ggcgcccaga	gcctccaggg	gcctcaqctc		600

```
accgcacgct gacacatgtg cggcgggtgaa acccagcccc aacaggcccc gcggcctctc 660
cctgggtgcg gccgc 675
```

```
<210> 147
<211> 671
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (37)...(325)
<223> similar to gi2197085 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 147
aaactatttt aaatgttttt attttatcga atagaaataa atctcacaaa atatgcttaa 60
gaactttaag cggaaacccat aaaatactat tgtgataagt taaagaagac ctaaataaat 120
ggagagatct gtcattgctca tggattggaa gattcaatac tgtaatgata tgaatagttc 180
ccaaattggt ctatagattc aaaacattgc cagttaaaat ctacagtggac tttgtttttt 240
tgaaactgac aagctgattc tgccatttat aataatattc aaaggggcaa gaataaccaa 300
gacacatttg aagaagaaca aggaggaaga agaacgtatt tgaagaagaa taaggaactc 360
tattaagtgt atatctccta tatattgaga tacacatttg aaatacatct atcacctaga 420
tattgagata tattatacat ttaatatagt gtgttgctgg tatagggata gaaaaatgaa 480
cattggatca gaatagcact gaaacaagat ctaccctat atgggcatgt ccctattaac 540
aaaaaaatat tgggtgattat ttccgcaaga tgatctgtaa aaaacaagtt aattgaacat 600
ccatatggga aaaaagtga tccctctgct acctcaaata tcaaccccag gtagattata 660
gatctaaaag g 671
```

```
<210> 148
<211> 464
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (119)...(384)
<223> similar to gi2981631 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 148
aattgagcgc tatcgatgag gctgtagtta cgggctcgac ccacgcgtcc gaaacaattc 60
atcaaagttg cagcatgcaa agtcaatatg gagaaatcag ttgctagtgt aaaaaataga 120
aaaggaaatt ttggaaacaa tccaatttaa cagcatcaaa agaataaact acttaggaat 180
```

cagcttaacc	aagcaggtgg	aagacttgta	gagtgaaaac	ttcaaacacc	ctttaaagaa	240
attatagatg	acataagtta	ttagaaagac	atcctgtggt	tatggattgg	aagacttaat	300
attcttaaga	tgtcactact	acccaaaagt	atgtacaggt	ttgatataat	ccctaccaac	360
attccaatta	ctttgtataa	atagaaaaat	ccaccataaa	tttcatatga	aatttccaga	420
gatcccctaa	ttataaaaaat	aaaaaggaag	agccaagttg	gagt		464

<210> 149  
 <211> 2398  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (74)...(2353)  
 <223> similar to gi3327162 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 149						
cccacgcgtc	cggtcagcct	cagtcttcaa	tgagggaccc	cgtacagagt	aacccaaacg	60
cttgttccta	tttcaggatg	tgaacactct	gcaaggaggt	gggcagcctg	tgggtgactcc	120
gtccgtccag	ccctctcttc	agccggccca	tccagcgtta	ccacagatga	cctcacaggc	180
acctcagcca	tctgttactg	ggctccaggc	accttctgct	gccttaatgc	aagtgtcatc	240
tctcgattcc	cactcagctg	tatctggaaa	tgcccaatcc	tttcagccct	atgcagggtat	300
gcaagcctac	gcttatcccc	aggcatctgc	cgtcacctcc	cagctgcagc	ccgttcggcc	360
tttgtagcca	gcaccgctct	ctcagcctcc	ccatttccaa	ggatcagggtg	atatggcttc	420
atttctcatg	actgaagccc	ggcaacataa	cactgaaatt	cgaatggcag	tcagcaaagt	480
ggctgataaa	atggatcatc	tcatgactaa	ggttgaaagag	ttacagaaac	atagtgtctgg	540
caattccatg	cttattccta	gcatgtcagt	tacaatggaa	acaagcatga	ttatgagcaa	600
catccagcga	atcattcagg	aaaatgaaag	attgaagcaa	gagatccttg	aaaagagcaa	660
tcggatagaa	gaacagaatg	acaagattag	tgaactaatt	gaacgaaatc	agagggtatgt	720
tgagcagagt	aacctgatga	tggagaagag	gaacaactca	cttcagacag	ccacagaaaa	780
cacacaggca	agagtattgc	atgctgaaca	agagaaggcc	aagggtgacag	aggagttagc	840
agcggccact	gcacagggtct	ctcatctgca	gctgaaaatg	actgctcacc	aaaaaaagga	900
aacagagctg	cagatgcagc	tgacagaaag	cctgaaggag	acagatcttc	tcaggggcca	960
gtccacccaa	gtgcaggcaa	agctctcaga	gctccaagaa	acctctgagc	aagcacagtc	1020
caaattcaaa	agtgaaaagc	agaaccggaa	acaactggaa	ctcaagggtga	catccctgga	1080
ggaggaactg	actgaccttc	gagttgagaa	ggagtccttg	gaaaagaacc	tctcagaaag	1140
gaaaaagaag	tcagctcaag	agcgttctca	ggccgaggag	gagatagatg	aaattcgcaa	1200
gtcataccag	gaggaattgg	acaaacttcg	acagctcttg	aaaaagactc	gagtgtccac	1260
agaccaagca	gctgcagagc	agctgtcttt	agtacaggct	gagctacaga	cccagtggga	1320
agcaaaatgt	gaacatttgt	tggcctccgc	caaggatgag	cacctgcagc	agtaccagga	1380
ggtgtgcgca	cacagagatg	cctaccagca	gaagctggta	caacttcagg	aaaagtctgt	1440
ttgttttgca	gtgttttagcc	ctccaggccc	aatcacagc	tctcaccaag	caaaatgaac	1500
agcacatcaa	ggaactagag	aagaacaagt	cccagatgtc	tgggggttgaa	gctgctgcat	1560
ctgacccttc	agagaagggtc	aagaagatca	tgaaccaggt	gttccagtc	ttacggagag	1620
agtttgagct	ggaggaattct	tacaatggca	ggaccattct	gggaaccatc	atgaatacga	1680
tcaagatggt	gactcttcag	ctgttaaacc	aacaggagca	agagaaggaa	gagagcagca	1740
gtgaagaaga	agaagaaaaa	gcagaagagc	ggccacgaag	accttcccag	gagcagtcag	1800
cctcagccag	ttctgggcag	cctcaagcac	ccctgaatag	ggagaggcca	gagtccccca	1860
tggtgcccctc	agagcaggtg	gtcagaggaag	ctgtcccgtt	gcctcctcag	gccctcacca	1920

007770 "E23460

```

cttcccagga tggacacaga aggaaagggg actcagaagc tgaggcactc tcagagataa 1980
aagatgggttc cttccacccc gaactgtctt gcatcccatc ccacagagtt ctaggggcccc 2040
cgacttcaat tccacctgag cccctaggcc ctgtatccat ggactctgag tgtgaggagt 2100
cacttgctgc cagcccaatg gcagctaaag cccgacaacc catcagggaag aggtctgtgt 2160
tcaggggaag taggcaccag atggggccac ttacaaggaa aggttccaca agattgttcc 2220
ctggatttca ggaccccagag ggaggggggac ccactggcct tagggcttga aaagcccag 2280
gagagcctca gcctccacag cttcaaggaa aggttgatgt tcactagggt ccaccgggttc 2340
cccacaaggg agcttttcaa gaacaggagg gcaggtttcc acagttttgc agggagca 2398

```

```

<210> 150
<211> 651
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(652)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (33)...(31)
<223> similar to gi2230873 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 150
gcgttctttt ataagagttt tggtagtgta gggaggaaga tgatgacctg gaagaaagtg 60
aagacagtaa acaatgtaaa gaaagcttga aaagagtga cttcactttg ctggatgatg 120
aggcaactga agatgcaggt gttttaaatg taaagaaaaa ttctgatgaa gttaaatacct 180
cttgaaaaaa gacaggaaaa ggagtcagct taagtagagc tccgcgtgtt ggttgcagaa 240
gtcgcctgtc ttccccgcag gaggctgttt gctcgttttg aactgaatg ctcccccaac 300
aaacacgttt agcttgcttg cccttctcac cgactgcgga gaggagtctc agtgcacagt 360
cgcagagaag gcgtgcgggg gcgtgcaggg gcgcacaggc gcctgcctct gcgggtggga 420
aaggaaggag gtgcccgggt ttccgctccc agggctcagc ctgccttggg cacctacggt 480
atgggagcct ttaacgtgga aaggaaagga gatcgatcac tcgagcctcc acttgccaag 540
cctgtggaag cgagacgcgg ggatcggtct ggaatgcctg gaagcaccgg cgcgcggagc 600
caggaagaag aaattgtgag acgaaacgga atcgtcgncg gggaattcga g 651

```

```

<210> 151
<211> 552
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (16)...(552)

```

<223> similar to gi2981631 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```
<400> 151
ggtctaaata aatgcaaaga catcctgtgc taatagatta gaagacttaa tactggtaag      60
ataacaatat caccaaggc aatatacaga ttcagtccca ttcctatcaa aagtacaatg      120
gaatttttta gaaatataga taaatgcaac ctaaaattca caggaaatat caaaagccaa      180
aacaatcttg aaaaagaaca gaaatcagac ttctcaattc tgaaacttat tataaagtta      240
cagtaatgac agagttacat ggcataaggc cagacataca gacaaattaa ataggattga      300
gagcccagaa gtaagccctt gcatatatgg tcagttgatt ttgacaagg gtgccaaaac      360
caatctctgg ggaaagaaca gtctcttcaa aaatgggtact ggaaaaactg gatattcaca      420
aacaaaagaa tgaatctgaa tgtttacctt ataccacatg caacaattaa ttacaaatgg      480
atcaaagatc ttaactaaag agctaaaaaac tataagtcac ggaagaaaat gcagtaaaat      540
tttctttttt tt                                     552
```

```
<210> 152
<211> 1179
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (140)...(1170)
<223> similar to gil57409 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 152
cccaccttta cccagccaga gaggctggag acggtatcgc gtggccaggg atgtgatgga      60
ggaatcccca gtgccctact ctgtcaaggg aggtccttac taataggaat cagagcccta      120
taaataatgt acctggtggc aggtaaacat caccctcctg gacatcaacg acaaccaccc      180
cacgtggaag gacgcaccct actacatcaa cctggtggag atgaccctc cagactctga      240
cgtgaccacg gtggtggctg ttgaccacga cctggggggag aatggcaccc tgggtgtacag      300
catccagcca cccaacaagt tctacagcct caacagcacc acgggcaaga tccgcaccac      360
ccacgccatg ctggaccggg agaaccccca ccccatgag gccgagctga tgcgcaaaat      420
cgtcgtctct gttactgact gtggcaggcc ccctctgaaa gccaccagca gtgccacagt      480
gtttgtgaac ctcttggatc tcaatgacaa tgacccacc tttcagaacc tgccttttgt      540
ggccgaggtg cttgaaggca tcccggcggg ggtctccatc taccaagtgg tggccatcga      600
cctcgatgag ggcctgaacg gcctggtgtc ctaccgcatg ccggtgggca tgccccgcat      660
ggacttcctc atcaacagca gcagcggcgt ggtggtcacc accaccgagc tggaccgca      720
gcgcatacgc gagtaccagc tgcgggtggt ggccagtgat gcaggcacgc ccaccaagag      780
ctccaccagc acgtcacca tccatgtgct ggatgtgaac gacgagacgc ccaccttctt      840
cccggccgtg tacaatgtgt ctgtgtccga ggacgtgcc aacgagttcc ggggtggtctg      900
gctgagctgc acggaacaac gacgtgggcc tcaatgcaga gctcagctac ttcatcacag      960
gtggcaacgt ggatgggaag ttacgcgtgg gttaccgcga tgccgttgtg agaaccgtgg      1020
tgggcctgga ccgggagacc acagccgcct acatgctcat cctggaggcc atcgacaacg      1080
gccctgtagg gaagcgacac acgggcacag ccaccgtgtt cgtcactgtc ctggatgtga      1140
atgacaaacg gcccataatt ctgcagagca gctatgtat                                     1179
```

<210> 153  
 <211> 712  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(713)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (553)...(6)  
 <223> similar to gi6680 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 153  
 gccggccccc ggccaccccc ggagccaccg cctccttccc agcgggggttc ggccccgcaa 60  
 tctggagcca agccgtctcc gcagcctgcg acctgggtgg agggcgcctc aagtccccgg 120  
 cctccttcta gcggtgctgg gccgggggtcc cgtcggaagc ccgccagccc tgggaggacc 180  
 ctgcgcaacg ggcgaggcgg tgaggccgaa cccctggacc tgtccttgcg ggcagggcgg 240  
 ggaggcgagg ccgggcctgg gggcgccctc caccgctgcc tcttctgccc gttcgccact 300  
 ggagccccag agctcatggc cttgcacctt caagtgcacc acagccggccg ggctaggggc 360  
 cgccggccac cccaggctga cgcgtccccg ccctatgccc gagtaccatc aggagagacc 420  
 cctccagtc cttcgagga aggggaggag ggctccgggc tgtccagacc cggagaggca 480  
 gggctggggg ggcaagaacg gtagtgggccc ctcaggggcg attagcttag tgagcttacc 540  
 ccgccggagc gggggagcgc tagaggtagt tgggtagaga agccagcagg gggcagcgtg 600  
 ggacccatat cccagcccca ggcggaccag aggtggaagg cgcggcgggc gtangagggt 660  
 gggctgncgg ttcccaccca tccaaggga ggtccagtgc cttagaagtg cg 712

<210> 154  
 <211> 373  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (4)...(357)  
 <223> similar to gi854159 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 154

```

agaccggccc ccgctccctc agctgcgccg gaggaggcgc ccagtcctcg ggggtgaaggg    60
tcgggggatg gcgaagcgaa gagtgcccg cccgggtgtgg gggggagcag gaggagggac    120
gaagtccgcc cgccgcgccg ccgccgcgcc tgacaccgag cggagcgagg aaggaggacg    180
agcgggtgaag gaagcctacc ctccagccg tcagccgccg ccgccgtcgc cgtgaccctt    240
gcgttgccgc cggcgctgcc acccgaaactt agccccctcg atgccaattt caaataggga    300
aggaaaaggg aaaagaaggg aagagaaaat ccggccgcgt agtcccgcgt cactcacac    360
ctccgctcgt gcc                                           373

```

```

<210> 155
<211> 409
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (29)...(412)
<223> similar to gi3043632 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 155
ggaccggaag gaggagcggc tgaggagccc aaggagcggg gcggcggcca ctaggagctc    60
aggaggcaag ggcgtggccg agtgggaccc acttccctgc ctggacccag aactctggga    120
tcagtttgac aacttagaaa atcgatagtc ttgagaaatt catcatatct gccaaggaaa    180
ggactgagat tgaactcagc tatacaaaac aactcaggaa tcttttaaag acatgccaac    240
ctaaaaggaa ctggaaggag aaagaataca ttacgtaaaa ctctccttcc ctccctgtga    300
acaaaatgag tgatcacgct aggcagcatt aagttatctt ctttgaggtc ttgaactttc    360
agatcacctg ggagttacaa gggcatgttc aaaaccaaaa gcaggagag          409

```

```

<210> 156
<211> 915
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (287)...(917)
<223> similar to gi55471 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 156
cctataaaca gactggcaga tgatatagtg cttaatgtct tgccctcagtt tgtcattgtg    60
tcagaacatc cgaaaaaaga taggagaaaa gttggagttt agggcataat tttcctgtaa    120
taatttgag ctcaaaaata ttacaatgag aaataaaaaa gctattaatt agcaggagac    180

```



ttaatcacat	gaagaatttc	aattagatat	ttcttctacg	tagtatagtt	ataactttgc	240
attccattgt	tttccttctc	tatagtccat	tgtatttctg	tggggttttt	ttttttcagg	300
ttttgagttc	aagaacgaga	ttaaaaaaga	aaatctaaaa	tgggatgatt	cagaggaagt	360
agaattaaac	aaggctttac	agagaaaagtc	cagaggagtt	tattggcact	ctgagctaca	420
aaaaggcttg	gagagtgagc	caacatcaag	aaggcaatgt	agaaattctc	caggggagag	480
tgaggagaaa	accccatccc	aggagaagat	gagtcaccag	agtttttgtg	ccagggacaa	540
agcctgtaca	catatcctct	gtgggaaaaa	ctgctctcag	agtgtgcact	ctccccacaa	600
gccagcgctc	aaactggaaa	aagtatctca	atgtcctgaa	tgtgggaaaa	ccttttagccg	660
aagttcttat	cttgttcggc	atcaaagaat	ccacacaggc	gagaagcctc	acaagtgcag	720
tgagtgcggg	aagggtttta	gtgagcgctc	caacctcact	gcccacctac	gaactcacac	780
aggggagagg	ccctatcagt	gtgggcaatg	tgggaaaagc	ttcaaccaga	gttcacgcct	840
cattgtccac	cagaggaccc	ataccgggga	aaagccttac	cagtgcattg	tctgtggaaa	900
gagattcaac	aacag					915

<210> 157  
 <211> 590  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (555)...(15)  
 <223> similar to gil87185 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 157	
gagggatact	ctagagcggc cgccgccagc tgcgccccca ccaggctgcc cggcttggtg 60
gggtcaagtg	ccacgcctgt tggcaggaac tggggcgggg agccggcgta ggccccggcc 120
aggctgcctg	ggtaggtcat acccgcgga ggcagaggga aactgtctg gcccggttg 180
tagggtgaca	cgggagccac cagcccagag cccaacactg aggaggaggt gggcgcgctg 240
gggcccggagc	cggagctgga gcccgatgaa ccgcccagc cagagcccag agccttgctt 300
cccgggcccc	catccggatg ctggttcaca tccacattaa tcccgcgcc gcagctaata 360
cggccgtgtg	ccagccccgt ggggtccccct tcggccgagg cggccccggt gcccttgcca 420
ccgcccggcca	cgtcggtgtc tttcttgctg tccttgccct ccggggcacc cccggccgag 480
gacagcatat	ctcccggcga gcaggccgag gcgctggagc tcgggctgcc tgtcctgggc 540
gtgaatggct	ggcaggtggc gctcgggtacc cggaatcccc acttctccga 590

<210> 158  
 <211> 326  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(327)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (23)...(326)  
 <223> similar to gi406058 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 158  
 cccacgcgtc cggngacagg cctggccggc ctctgcagag acgtccaacc tcgtgcgcat 60  
 gcgcagccag gccctggggc agtcggcgcc ctcgctcacc gccagcctga aggagctgag 120  
 tctccccaga agaggaagtt tccctgtgtg tccaaatgct gggagaacat cacccttgg 180  
 atgaattgcc accacattaa ataaaatata tccaaagctc nnnnnnnnnn nnnngggggg 240  
 gccgttttaa aggacccttg ggggggccaa ggtttacgcg ggctggcaag gtaatagttt 300  
 tttccttata gggagccgaa ttaaaa 326

<210> 159  
 <211> 963  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (63)...(915)  
 <223> similar to gi2224629 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 159  
 ctccctagtc cctccctagc ctgtcccttc ctctcccgt tgctcctggt ggccaggaga 60  
 gcccttcacc ccacacagct gaggtggaga gtgaggcctc accacctcct gctcgggccc 120  
 tcccagggga agccaggctg gcgcccctct ctgaagaggg aaagccgcag cttgttgggc 180  
 gtttcccaag tgacttcctc caaggaaccg gctgagcctc ttcccttgca gccaacatcc 240  
 cccactctct ctggttctcc aaaaccttca acccctcagc tcacttcaga gagctcagat 300  
 acagaggaca gtgctggagg cgggcccagag accagggaag ctctggctga gagcgaccgt 360  
 gcagctgagg gtctgggggc tggagttgag gaggaaggag atgatgggaa ggaaccccaa 420  
 gttgggggca gcccccaacc cctgagccat cccagcccag tgtggatgaa ctactcctac 480  
 agcagcctgt gtttgagcag cgaggagtca gaaagcagtg ggaagatga ggagttctgg 540  
 gctgagctgc agagtcttcg gcagaagcac ttgtcagagg tggaaacact acagacacta 600  
 cagaaaaaag aaattgaaga ttgtacagc cggctgggga agcagcccc accgggtatt 660  
 gtggccccag ctgctatgct gtccagcgc cagcgccgcc tctccaaggg cagcttcccc 720  
 acctcccgcc gcaacagcct acagcgctct gagccccag gccctggtga gactgcagtc 780  
 acccagcttc catcttttcc ctgagacccc tttctgtcga ctgttttct ccaggccctg 840  
 ggggtctgcc ccgggggaat agacccctc tccccacctc ccttttctc acttagtgct 900  
 ctcttcccc catctggct ccaggcatca tgcgaaggaa ctctctgagt ggcagcagca 960  
 ccg 963

001210.5228460

<210> 160  
 <211> 319  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(319)  
 <223> similar to gi2197085 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 160  
 cgcaacatat aaaaaggatt atacgctatg attgaaaata aattgatttt caacaccatg 60  
 attaagtgga atttggtcca ggaacgcaag gttgattaaa cacgcaaaaa cctatcagtg 120  
 tgatacacca tactaataaa atagaggcca aaaccacat gatcatctca ataaacacag 180  
 aaaatgcatt tgataaaatc taacatcttt tcataataaa aacacatggt gaagggtata 240  
 tagaaagccc acagctaaca ttataactaaa tgggtgtatat tcagtcttta ctgaaagttt 300  
 ttcccctaag atcaggaat 319

<210> 161  
 <211> 968  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(969)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (42)...(968)  
 <223> similar to gi2105420 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 161  
 gcaaggggca gttggtgaac ttgctgcctc cagagaattt tccctggtgt ggaggcagcc 60  
 agggacccag gatgctccgg acctgttacg tgctctgttc ccaagctggt cccgctcca 120  
 ggggctggca gtccctgagc tttgatggcg gggccttcca ccttaagggc acaggagagc 180  
 tgacacgggc cttgctggtt ctccggctgt gtgcctggcc cccactcgtc actcacgggc 240  
 tgttgctcca ggcctggtct cggcgactcc tgggctcccg gctctcaggc gcatttctcc 300  
 gagcatccgt ctatgggcag tttgtggctg gtgagacagc agaggagggt aagggtgcg 360  
 tgcagcagct gcggaccctc agcctccgac cactgctggc agtgcccact gaggaggagc 420  
 cggactctgc tgccaagagt ggtgaggcgt ggtatgaggg gaacctcggg gctatgctgc 480  
 ggtgtgtgga cctgtcacgg ggcctcctgg agccccccag cctggctgag gccagcctca 540



acaagtttta	acaaatTTTT	aaaattgaaa	ttatatTTTat	cttgtcacag	tggaataaaaa	180
ctagaaatct	ataatcagag	gaacattgga	aacagtacaa	attaatggaa	attaaacaac	240
aaatggacca	atgaagaaat	tttaaagtaa	attttaaaat	ttcttgagac	aaatgaaaat	300
ggaacaaaaa	taccaaaaacc	tatgggatac	agcaaaagcg	gttctaagag	ggaagtgtat	360
agcaataaac	gtctatatca	aaaaagtaaa	aagacttcaa	ataacctaac	gaaacg	416

<210> 164  
 <211> 1518  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (111)...(1498)  
 <223> similar to gi4519617 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 164						
gttgaaccca	gacccctggc	tcccagctgc	ttggctccag	ccacaacact	gctgaccctt	60
ggcagcccca	gagctgccag	taggccccat	tatgaagtcc	ataggcagag	ggcacacgtg	120
gcttccatac	ccaaactgca	attcctggtc	ctcttgctgg	agaccctaga	ggtaggtggc	180
tatagatgga	gccagtggag	cctagaaatg	gggagcatgt	ttcctgttcc	caaccagcga	240
ggtgtcagta	aatcaccagg	agcgcggagc	agccctgcc	cgggaccata	gctggtgatc	300
ccccatagtg	ggcaaccacg	cccagcctgc	ttccttgatt	ggccaagttt	ggggtgaggg	360
ggtggttgta	gggttttcc	tagggatggc	agccctattg	gggtctgtgg	gtgctcaggg	420
ctgcggggccg	catgcctgct	caccaggccc	tgcccaacct	tgctcgctcc	tttctctctg	480
tcagcgttgg	ggccttcgtg	aagacctggc	tgcccttcat	ccttctcctg	ggcatcatcc	540
tcaccgtcag	cctggtcttt	aacctccggt	gatggctgct	cgggtggccc	acacccacca	600
ggggtcccga	ggaaacagcc	gccatccctt	ttggttccag	atttttttct	cctcacccca	660
aaaggcaggg	ttgggcctgc	tggtgtggac	cgggggtcgg	ggctggcagg	atggaaggac	720
tgaggaccag	catgaagtgg	gggtttgttg	tctccctgcc	tctcagaagc	accctgtccc	780
ctcctcccca	ggcctgtgac	tccggccctg	gaagcccctt	tggtcttctg	ttgaaaggct	840
ttggcttccc	tctgtagagc	tgctcccgcc	accacctgct	ggggtcctgc	ctcagcccag	900
tgcccagtat	ggggagagga	ggacatttgg	gctcacctgt	caaggtggcc	ctgggaccag	960
agctggtccc	agcatgggg	gcaccgggta	cacttaacgt	gtctctataa	gccaagttgc	1020
ttcaggacct	tcaccactgg	cctctagaat	ggtccagagg	ggctggctgg	gtccctttgt	1080
cagactcctg	ccggcagctg	ccctggggga	catgtgtgcc	catctggcat	cctccagccc	1140
gtgcagtcgg	ctcttccactg	ttccacggcc	tcccagtgcc	tcccagcatt	ggacccatct	1200
ccccctgcag	tttgaggcca	gagagggtgag	tggacctgac	aagtgccaga	gtaaccgtgt	1260
agacagagca	gtgtagacag	cactcagccc	cagccccagg	tgtggacctc	atgctggtga	1320
tggctcccc	gggtggcctg	ccagcacagc	cagtgccatc	agggagctga	aggggctgtc	1380
ccccacctaa	ctccagctcc	cccttcacgt	tgtaaccaag	gccctgtgcc	gcccgcctcg	1440
ccccctgct	ctgtggattc	ctttgggaag	ggctccctgg	gcaggacaat	aaagagtttt	1500
gactccaaaa	aaaaaaaaa					1518

<210> 165

<211> 355  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (18)...(352)  
 <223> similar to gi804788 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 165  
 attcaatcag taatgagaac ttcccaacaa aggaaagcca aggaccagaa actttcactg 60  
 gtgaattcta ccagacattt aaagattaac accaatcctt ctcaaactct tccaaataac 120  
 tgaagaagca ggaacacttc ccagctcatt ctatgagatc agcattacca taataccaaa 180  
 gccagaaaaa aaatcacaaag aaaattacag tgcaatgtat cttatgaata tagacacaaa 240  
 aatcttttcag taaaatacta gcaacccaaa tctaaccata tattaacgtc attatacact 300  
 atgaccaggt gggattttatc ccaggaatgc aaagttcatt taacgtaata aatcg 355

<210> 166  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (55)...(266)  
 <223> similar to gi296617 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 166  
 ttttattttt taagagaaat ttctcgccac gaggggaagg ggggggggtt tccccccctt 60  
 ccccctaaaa aatttttttt tcccccaagg gcgtaaattt ttgggggggg gggggggcca 120  
 aatggcccc ccccaaaaaa agggtttttt ccaaaaattc cccggggggg tttaaaaacc 180  
 ccccccaaaa aaaaaaaaaa tttttttttt cccccccggt aaaattgggc ccccccaagg 240  
 gtttttttaa aaggggcccc cttttttttt tttttttttt tttttttttt tttttttttt 300  
 tttagggggt taaaaacttt tttttaaaaa aaaaa 335

<210> 167  
 <211> 982  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (17)...(903)  
 <223> similar to gi5832876 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 167  
 atccacgacg agctgagccg cgccgcccgc gcctccggac gggccccgcc acgcccgcgg 60  
 cgccgccaac gcgggacccg cagccggccc gcgtcgtcct gtcaacctcg actcagcgct 120  
 ggccgcgctg cgcaaggaga tgggtggggct gcggcagttg gacatgtcct tgttgtgcca 180  
 gctgtggggc ctgtacgagt caatccagga ctacaaacac ctgtgccaag acctgagctt 240  
 ctgccaggac ctgtcatcct ccctccattc ggacagctcc taccacccgg atgcgggcct 300  
 gtctgacgac gaggagcctc ccgatgccag cctgcctcct gaccgccac cccttactgt 360  
 gcccagacg cacaatgccc gtgaccagtg gctgcaggat gccttcacac tcagcctctg 420  
 aagggctggg gggcaggggg catgcaccca tgcaaaaggc tcagaaactc cccctccggc 480  
 aagccctcag acttcggagc ctgcgccttc ccccctaccg cctcacctca caggagggcc 540  
 aggcattgat tcctcagagg cgaaactgcc aaactctttc tcctgtcttg ggttggtctg 600  
 cactggggcg ggcattcagg gtacagcctc tgctcatggc actgggcctc cagttcttcc 660  
 acatgtgtgc acccccagct tggccaacct tcagccttgc ggtggggccc gaagcatctt 720  
 cccttccgct tggcgtctct gggattggga tgagtgcctg gctcccatct cctcctcacc 780  
 ttttgttgct atcggcagct gctggctcag gggcatccca cctccgggct ctgggttctt 840  
 ctgccctgga agggctccag gaccgcctcc aataaccacc cacggccagg agggccaagg 900  
 ccccgctgct gatattttaa tttagggggc ggtctccagg gcgcgtagat aaataaatac 960  
 actcagcgct aaaaaaaaaa aa 982

<210> 168  
 <211> 378  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (22)...(378)  
 <223> similar to gil335205 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 168  
 atatagggga ggggggataat ccctttcctt aaactgtaca caaaagtga ctccaaatgg 60  
 atgaaagacc tacatatgaa gggtaaaatg gaaagacttc tagaagaaaa cataggagca 120  
 aatcatcttg accttgaggt aggcaagggt cttttaggac acaaaaagca tgaactatta 180  
 acagaagtag tcgataaatt gtagtctatt aaaattaaaa aatgctattc gaaaggcacc 240  
 attaaaaatt gagaagacaa gccaaaaaga agacaaggca aaactgttcg tatgcatata 300  
 tttgacagag aacttgcata cagaatacat aaatccaatt caataagaag acaaacctat 360  
 cagttaaaaa atggacaa 378

<210> 169  
 <211> 567  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (13)...(557)  
 <223> similar to gil72270 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 169  
 cacgatgtca taagggtttcc ctatttggat ccacctaatg agagacttat tttagaagct 60  
 cttaaacaac ttaccagtgt tgatgctatt gacaggagtg gccatgtcac cagattgggt 120  
 ttgtctatgg tggagtttcc ttgacctcca catctgacat gtgcagtaat aaaagctgct 180  
 tccctggatt gtgaagatct actacttcca atagcagcaa tgttgtctgt ggaaaacgtc 240  
 ttcattagac ctggtgatcc agagtaccag aaggaagcag aacagagaca tcgagaattg 300  
 gcagctaaag ctggaggatt taatgacttt gcaacttttag ctgtcatcct tgaacaatgc 360  
 aaatcaagtgt gagctccagc ttcattggtgc caaaaacact ggattcattg gaggtgctta 420  
 ttttctgcat ttcgtgtgga agctcaactt cgagaactaa tcaggaagct taaacagcaa 480  
 aagtgatttc ccaaaagaga cttttgaagg ccctaaacat gaagtactac gaagatgtct 540  
 ttgtgcgggc tatttcaaaa atgttagc 567

<210> 170  
 <211> 535  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (55)...(533)  
 <223> similar to gi2981631 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 170  
 cccacgcgtc cgacaggcat gagccaccat gccagccat gaattttttt ttaagaccca 60  
 acagtatgct gcctacaaga gtcacctcac ttttaaggac acccatagac tgaaagtga 120  
 aagttggaaa aagatactcc atgcaaatag aaacaaaag aaagcaggga tagctaaact 180  
 tatatcagac aaaatagact ttaagtcaaa aactgtaaaa agagacatta tataatgata 240  
 agagcatcaa ttcattcaaga ggatataaca gttatatatg caccacaacat tgaaacacct 300  
 aaatacataa aatattgaag gatctgaagg gagggataaa ttgcaatata ataatagtag 360  
 gagactttaa tactctacag ataatccaga cagaaaatta ataaacattg ggcttgaaca 420  
 atactgtaga ccaaatggac ctaactgacg tttcatccaa cagcaactgt atacacatcc 480  
 ttctcaagca tacatggaac attctccagg atagatcaaa tgttaaggca caaca 535



<210> 171  
 <211> 1041  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (58)...(1034)  
 <223> similar to gi2981631 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 171  
 atcgactcc agcctgggca acagagcgag actccgtctc aaaaaacaac aacaacaaaa 60  
 tatgtgatgc gaaaactgat agaactacaa ggggaaatag atgaattcac tgtctgcagt 120  
 tggagatcca gcaccctcta tcgtaaatgg acagatccag caggatgcag ttgagtttaa 180  
 cagcaccatc acatcagtc gctgggaata atttacatct gtagactgct tcatccaacg 240  
 atagcagaat gcacattcct gccaaagctca tgtggaacat tactaagat agaccacatt 300  
 ctggggccaca aaacacttta acatacttga agaatagaaa acatagaatg tctattctca 360  
 gaccacaatg acatgaaact agaaatgaaa ccagaaagat agctagaaaa tcctaaagta 420  
 cttggcaaat aacacacttc caaataacac gagtcaaaga agatatctca agataaattt 480  
 tagaatatgt tgaattaagt gaaaatgaaa ataaaactta ccaaaatttg tggaatgctg 540  
 tgaatgcagt gcttagaggg aaatttatag cattgactgc atgtattaga aaatgggaaa 600  
 gatctaaaat cataatgtaa gctttcactc taggaaacta gaaaaagaag agcaaattaa 660  
 atacaaagta agcagaagaa aagaaataaa aattcaagca gaaatcaatg aaatggaaaa 720  
 caggaaatca atagagaaaa tcaacgaaac cagaagatgg tttgaaaaaa caataaaatc 780  
 agtaaaccct tagccagact aagacaaaga agagagagga cacaaaatac taatatcaaa 840  
 tgaaagaggg aacatcacta cagagatgtc ccacagactt ttaaagggtg ataaaaaaa 900  
 aaggatgaac aactttgggc ccaaatttga taaatgaacc aattctttga ggtacacaat 960  
 ttcccaaaca cggaagaaa tagacaattt gaatagggtt atgtttgtta aataagtcaa 1020  
 atcaacaatt accttccaaa a 1041

<210> 172  
 <211> 1991  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (554)...(1927)  
 <223> similar to gil61436 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 172  
 tttttttttt gtagaaatgg gatctcacta tgttgccagg gcttgtctca aactcctggg 60

ctcaagcgat	ctacctgcct	tggcctccca	aagcattggg	caggccccatt	acgccatgag	120
ccaccacacc	tgctggtttt	tggttttttaa	atggaattga	aaggaactag	ccttggctag	180
ttgcagaatt	cacacatatg	gggctatggc	aacagcagat	tctggagtct	cagggctcttt	240
tctttctaga	taagttacag	ggcaattgct	tttcagagta	cttttacatt	tctattccat	300
tcttgtcagt	aaagacaagg	atcccataag	ctgatggaga	aactgaggcc	tctagaaaaa	360
aacgctggga	atggcaccca	gggtgctgaa	ttccaggggc	tcctcttttc	tgccacaggc	420
acacatgccc	cagcagcccc	tttgagagagc	cccctctcta	tagggtaacta	gccgggggct	480
cagactctgg	agtcagacgg	cttccgaggg	atgaggcctc	agacaagtaa	ctcagctttg	540
aaatgttttc	agtggggaga	gaaatagccc	cctcccaggg	ctgtgctccg	ggaactgact	600
gagggctaac	tattatgggc	ccaccccatt	gttggaatgt	cttcagccac	atgggggaat	660
gggtggaaga	agaggccggg	atgtgtcctg	ccagctagag	cagcgaagaa	atcccagcgg	720
ggccccagga	agtccaagcc	catgggggtc	agggtgctcct	ctctggctat	tccttcagac	780
ccgcagctgc	tggacacagg	ccacagagct	gggtgcctccc	gcgccatcac	tgcagtgcag	840
cctgggtgga	tggagggaagc	caagggggaa	ggcctgggct	cagagtaagg	agaccttgcc	900
ccggggggaca	aacgggtgtct	gaagtgcagg	gggtgaagcgg	tctccagtc	tcaggggcct	960
ggaaatcagc	tccttgggac	acgggtcttat	gtgtattgac	catttctcccc	atccattccc	1020
tcttcggaat	gtttcagctg	ttctgagaaa	acactttgca	ttcctgcccc	gcccctgtga	1080
tttctctttg	ggtggcaggc	agccggggaga	ggctggaggc	ctggggagat	gggggcaggg	1140
cacaaggcta	agctcagcac	cttctctccac	cctcctcact	gtactcaact	cctaggcggg	1200
cactaagagc	agctgccttc	ctggaccac	cttaacctct	tgtgactcaa	ctcccccttc	1260
caggggtgcag	ggaacattcc	ctctgccttg	ccttccagct	ctggccacag	tggcctggac	1320
agagtagctg	ggtcccaggc	ctgcccctgt	ggacgaggga	ccagggacca	agagcgact	1380
ccagccctga	gcccagagcc	tgcaaagccc	aaagcaaggc	ccataaacgg	aggctacgtg	1440
ctcggttcctg	caggatcctg	gaaaagcagg	cccaggccca	tggctctgcc	ctccttctgg	1500
ccctgaaggg	tcacgatgct	cttggccatc	aggaggaagt	acctgcagcg	ccgggtgcctc	1560
gaggcactgc	ttcacgggct	gcgggggttc	cagcaggcca	ggtgcctggc	agtggcatgg	1620
cagcactggg	tggatgcca	aggggcagag	cagctggggc	ggaccctggc	ctttaagaag	1680
tggcaccaac	gcctggcagc	caggagccca	aggagaggag	ctgccagtag	cccaagaccc	1740
tggagcaagc	caggccccaa	gggccccgag	agtggacagg	aagccgccgg	agcaccgcgg	1800
ggttgggggc	ttggggcaga	gcatggggcc	cagctgcagc	tgtgacttgt	tctcatagaa	1860
taaaaaacag	aactgaactt	agccttccca	gggaagggaac	catgccccac	acatccaggg	1920
agtgatgaca	gaggggacag	ctataaagag	ctctgaaggga	caataaaaacc	cactcctcag	1980
tcctaaaaaa	a					1991

<210> 173

<211> 868

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (196)...(678)

<223> similar to gi3452473 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 173

cccacgcgtc	cggaataaag	agagaactct	gttactattg	tttttacatc	accaaataat	60
tatttaatat	cgtagctaa	gagaagaatt	ggctatgaac	tgtactttta	caactgacac	120
aactgcatac	aagttataaa	gtttaataat	ctttatcatc	ttggaaaata	aatctcttct	180
tgctaagtat	cagtttttaa	aaattgcccc	atgtattaga	tatgtatttt	tttaacaaaa	240

atgttctgtg	tattaattat	tttgaaataa	attttaagtt	cacaaaaagc	cattacaaga	300
agtggaaata	gcagcaatta	cacatggtgc	tcttcagga	ttagcctact	tacattctca	360
tactatgatt	catagagata	tcaaagcagg	aaataticct	ctgacagaac	caggccaggt	420
gaaacttgct	gactttggct	ctgcttccat	ggcatcacct	gccaattcct	ttgtgggaac	480
gccgtattgg	atggccccag	aagtaatttt	agccatggat	gaaggacaat	atgatggcaa	540
agtagatgtg	tggctctctg	gaataacatg	tattgaacta	gcggaaagga	agcctccttt	600
atttaatatg	aatgcaatga	gtgccttata	tcacatagcc	caaaatgaat	cccctacact	660
acagtcta	gaatggtgag	tattgtta	atataatattg	ctcagtgttg	aataaatgaa	720
atgctttttc	ataatctgtt	atcaaagtga	tttaattttca	gttaggtaaa	atgtatcacc	780
ttataagata	ttaaaataga	tgtattttac	cctttttaa	atattttattc	tttatcatgt	840
ttccatttca	tggcatacgt	ataactgg				868

<210> 174  
 <211> 1812  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (95)...(1812)  
 <223> similar to gi214042 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 174	
gccttgcttg	gaggcaaaagc gtcctccact ctgtcctcag gactcagctg tgtggccttg 60
gatttctttt	tgcgggactt gcgccctttg ggtgccaaag gtccaggatc cccctggaac 120
cagatggtac	ggccatgccg gtcctgcagg gagctcatgc ctggcatgcc atagcagcgc 180
agccaggctc	gaaaggcagc aaagtccctc tccccgtctc ctgaccgta gccctgccc 240
cccaactgga	ccacttcctt gggcactgag tgacatagct ccagcaggtc tggattctgc 300
agcttggtcc	ttatcttctg gctcagggtc agctccgggc tcggcctgtg ctgctgcagg 360
gcctccagga	ccgagcgggc cttctcaaag ggggggatct tcagccggta caggatctct 420
gcccgcagat	agttgccaat gccattgaag aacctctggt ccaggagggc ctgcgagatg 480
ggccgggtcaa	aggccttatc cgctagggtt cgtagcacat tctccctgaa ctgctggtac 540
tcttgcaaga	cacaggggccc gcggcccggc tgccactttc cccaagggtc ccagcggccg 600
aaccggcgga	tgtccacgaa acataggggc agccgggggc caggcggggc cgtgtaaaag 660
cgcagggtgg	catggcgtgg cagctcctcg cggggcacca gctgaaaaga gccggacatg 720
ccgaagcgga	agaccagggc cagtggctcc tgttggggct gggccccagg cagagggtc 780
agtatcaggc	gcagctcctt gccgcgggct gaagctgaga tgcggtaggc actgctctca 840
aagggcacct	cagggttgcg gctgacagag gacttctcca cgcagccgcc gaacaccagc 900
gccctgcagg	cctcattcac aaactggctg gccagggtga gctcggggcc ctcaggcatc 960
ctgaggggag	gtggcagagt cctggctggg aggtggcgga agaacctgac ttcccactgc 1020
ctggcgccgg	cgagatgcgg gggcaggctc gagccccgg gtcgcccgtg tctctgcggg 1080
tgggggaagt	caccagcta gcgtgggaca gggtcggcac cccagcagg aaacagcagc 1140
gacgagccag	agcggagtcg cctgcagctg cgcgcaggac gtgcacagggt gcgcggtacg 1200
cacaggccct	agggaccggg tggggatctt aagcaccaac gaacagtcag acctaaactca 1260
taaacaaaca	tcatcacggc ctgccctgtc agaagcgcag ccaagcaaca acaacaacaa 1320
aaaaaggcga	ggaggtagac ccacttgaga tggttctgtt gcggagagtc tctgaaatca 1380
gaaagcgcca	gtccgcaaaa acgaggaaac ccgacgtgtc cggcggaagg aaccgccagt 1440
acaaaggccc	tgaggcgaga aagagattgg tctactgaaag aactcaaaga agtcctgtgt 1500
ggctggagta	tagctgcggg ttagtgctgg caggtgaaga cagagaagca aaccagggtc 1560

```

aggtccggtt gggcctcggg agggcctccg tgtggagtct gcacttcatt ctaagtgtat 1620
acctaaccba tcgccacgat ttcccctcct tcacactacc ctgctacgtc tccttattag 1680
gcgtaataaa attatgtggc tttgtaagaa attgggtttt agagatgcat gttaaagtat 1740
tgggtatgaa atgtcatgat ttgtctaatt tactttaaaa tacttctgcc ataataaatg 1800
aatagaatta ac 1812

```

```

<210> 175
<211> 532
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (10)...(533)
<223> similar to gi3599473 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 175
tgcgctcacc ctcaggaact cagggctcaa agtcgggccg gttaaagggc gctttcctcg 60
tacagtcaaa gcccgggggc gcccgcacag agcagctcct tgcaggggtg ccagtcacag 120
gaccggacgg cgccctccct cagtgtcctg ggtgccatct tcggggccag gcccacacc 180
acccctccc tccagcagga gcaaagacgt gggaaaacca gccagagct ggggccgagg 240
cgggccccc cagcctaaca cgggacagct gccgaaagag gggctgagga cgccccaccc 300
agtccttaga gctggaatcc ctccctccag acaggccctt ctaagctcag ggaacccggg 360
gactcgggca cccagcgccc cagcactccg ccccgaggcc caggcaagtc cagcggagtt 420
tccaggcgca ccattcctga gctaggtggg gagaggctgg gtggcgcccg tttccaggag 480
ccccacccc agccggcagc gagcttcccg ggagcagccg ctacccaggc gc 532

```

```

<210> 176
<211> 427
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(368)
<223> similar to gi3184263 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 176
ctcccgacta ggtctggtgc ctgtttgggg acggagcttt tggctacagc ctcatcgtat 60
ttgatacatt cgtcagacac aaggtgactg ggctggcctg aggggaagctt agggcctggg 120
gttctgggag atttcaccag ggggtgggctg aggtggggag ggagcctcct ctctggcaga 180

```

ggccctatcc	ctgtctctgt	cctctggctg	gccaagccat	ggggctgaag	gctgcggcct	240
gccttcatca	tcttcctgta	gatcccagtg	atggccttgg	tagggaatga	tgctggctgg	300
acacagattt	ctcgggagca	ggtgccctct	ctgggcagca	acgtggcctg	tggcctggcc	360
tacactggtg	agggggcctc	agcgagggtt	ggaggacagg	aggctgtttc	agtcccagct	420
gggcttg						427

```

<210> 177
<211> 823
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (7)...(791)
<223> similar to gi4538905 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 177						
gggggctaca	ccaagagtgg	ctatgactct	gcatgtaaag	actttgtccc	tcatgacttg	60
gaggtccaga	ttcctggaag	agtctttttg	gtcactggag	gaaacagcgg	cattggcaaaa	120
gcaactgccc	ttgaaatcgc	caagcgaggt	ggcacagttc	acctggtttg	tcgagatcaa	180
gccccagcag	aagatgccag	gggtgagatc	atccgggaga	tgcggttaacc	agaacatttt	240
tctgcacatt	gtggacttgt	ctgatcccaa	gaaaatctgg	aaatttgttg	aaaatttcaa	300
gcaggaacat	aaactccatg	ttcttgatca	ataatgcagg	ttgcatggtc	aataaaagag	360
aagctcacia	gaagatggac	tttgaaaaaa	actttggttg	ccaatactct	ggggtgtgta	420
cattttctcac	gacccggcct	gatcccctgt	gctggagaaa	gaacacggac	ccccgagtga	480
taaccctgtct	cctcaggagg	aatgttggtt	cagaaactga	acaaccaatg	atctccagtc	540
cgaaagaaca	ccatttggtg	gggaactatg	gtctatgcac	aaaacaaggt	cagtgaagagg	600
cagcaagtgg	ttctgacggg	agcgtggggg	cccaagggca	cccggccatc	catttttctt	660
ccatgcatcc	tggctggggc	tgacacccca	ggtgtgaggc	aggcgatgcc	ggggttccac	720
gtccaggctt	cggggtatcg	cctgcgctcc	gaggccaggg	gcgcggacac	catgctgtgg	780
ctggccctct	cctcagcacg	cagccgcaca	gcccagcggc	cgc		823

```

<210> 178
<211> 715
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(717)
<223> similar to gi488555 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 178
ccatcgtaga cttcactactg gagagaaatc ttacaaatgt acaattttgtg acaaggcttt 60
cgtgcgtaat tcactcctgt caagacatac cagaattcac actgcagaga aaccttacaa 120
gtgtaatgaa tgtgggaagg cttttaatca acaatcacac ctttcacgtc atcatagaat 180
tcatactgga gagaaacctt agaaatgtga agcatgtgac aaagtttcca tttggaaatc 240
acaccttaaa gacataggag aattttatact ggagagaaaag cttacaaaatg taaggtttct 300
gacaagactt gggagtgtt cacacctgga acaacatact ggacttcaca ctggagagaa 360
accttacaaag tgtaatgagt gtggcaaagc ctttggcaag cagtcaacac ttattcacca 420
tcaggcaatt catggtgtag ggaaacttga ctaatgtaat gattgtcaca aagtcttcag 480
taatgctaca acgattacaa atcattggag aatccataat gaagagagat cttacaagtg 540
taataaatgt ggcaaatttt tcagagatcg ttcacatatt gcaggtcac ggtgaactca 600
tactggagag aaaccttaca aatgtcatga ctgtgccaaag gtcttcagtc aagcttcac 660
ctatgcaaaa cataggagaa tttatacagg agagaaacct cacaagtgtg atgat 715

```

```

<210> 179
<211> 1024
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(614)
<223> similar to gi3184082 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 179
aaatcctgaa aactgggcct attacaaagg cttggaaaaa gcactcaagc caactaatat 60
gttagaacgg ctaaaaattt atgaggaagc ctggactaaa tatcccaggg gactggtgcc 120
aagaaggctg ccgttaaact ttttatctgg tgagaagttt aaagaatgtt tggataagtt 180
cctaaggatg aatttcagca agggttgccc accagtcttc aatactttaa gatcattata 240
caaagacaaa gaaaagggtg caatcataga agagttagta gtaggttatg aaacctctct 300
aaaaagctgc cggttattta accccaatga tgatggaaaag gaggaaccac caaccacatt 360
actttgggtc cagtactact tggcacaaca ttatgacaaa attggtcagc catctattgc 420
tttggagtac ataaatactg ctattgaaag tacacctaca ttaatagaac tctttctcgt 480
gaaagctaaa atctataagc atgctggaaa tattaaagaa gctgcaagggt ggatggatga 540
ggcccaggcc ttggacacag cagacagatt tatcaactcc aaatgtgcaa aatacatgct 600
aaaagccaac ctgattaaag aagctgaaga aatgtgctca aagtttacaa gggaagggaac 660
atcagcggta gagaatttga atgaaatgca gtgcatgtgg ttccaaacag aatgtgcca 720
ggcttataaa gcaatgaata aatttggtga agcacttaag aaatgtcatg agattgagag 780
acattttata gaaatcactg atgaccagtt tgactttcat acatactgta tgaggaagat 840
tacccttaga tcatatgtgg acttattaaa actagaagat gtacttcgac agcatccatt 900
ttacttcaag ggcaggcaag aattgctata gagatctatt tgaaggcttc atgacaaccc 960
ccttacagat gaggaattaa aggaacacgg aggctggata cagccaaaca tgtctggaca 1020
aagg 1024

```

<210> 180  
 <211> 890  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (651)...(567)  
 <223> similar to gi4971998 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 180  
 aaagtagtag gttggtgcaa acgtagtaat aaattggttt ggccctgttt tcatagaact 60  
 atagagggtt gacctttgtc cccttcacaga tgcctacaaa caaactgatg tttttgattt 120  
 ttttttcttt ttaaattttg gttgccacta attcttataa aaatcctcac acaaggctgg 180  
 gctcagtggc tcacacctgt aatcccagca ctttgggagg ctgaggcagg cggatcacga 240  
 ggtcaggaga tcgagaccat cctgggtaac acggtgaaac ccccgctctc actaaaaata 300  
 caaaaaaatt agccggggtt ggtggcgggc gcctgtagtc ccagctactc gggaggctga 360  
 ggcaggagaa tggcgtgaac ccgggaggca gagcttgagc tgagccgaga tagcgccact 420  
 gcaactccagc ctgggcgaca gagcaagact ccactcctaaa aaaaaaaaaa agtgataata 480  
 ctgtaatccc agcacttttg gaggccgagg caggcggatc acgaggtcag gagatcgaga 540  
 ccactcctggc taacacgggtg aaaccccgctc tctactaaaa atacaaaaaa ttagctgggc 600  
 gtggtggcgg gcacctgtag tcccagctac ctgggagggt gaggcaggag aatggcgtga 660  
 acccaggagg cggagcttgc agtgagcgga gatcatgcca ctgcacttca gcctgggcga 720  
 cagagcaaga ctccatctca aaaaacacac acacacacac acacacacac acacacacaa 780  
 atagaaaaat aataatagtt ttaagcacct ctaaagtaca gatattgtgc caagcaattt 840  
 atgtgaattg attagattga taactctaaa aatagtttcc ctaatcaact 890

<210> 181  
 <211> 480  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (15)...(480)  
 <223> similar to gi339771 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 181  
 cattcctggt cagaaaaagc attgaaatca tatcaagtat ttttctgacc aggaatggta 60  
 taaaactgga agtcaatggc aagaggaact ttggaaacta cacaaacacc tggaagttaa 120  
 ataatatgct cctgaataac cagtgggcca atgaagaaat taagaagata atttaaaaat 180  
 ttctggaaat aaaagaaaaat ggaaacacaa cttacacaaa cctatgggat acagtgaag 240  
 cagtactaag aggaaagtgt atagcaataa gcacctaca caaaaaagta gaaaaacttc 300  
 aaataaaaaa cctaaccatg cttctgtaac aactagaaaa gcaagagcaa accaaacaca 360  
 aaattagtag aaaaaaataa atagtaaata ttcaagcaga aataaatgaa attgaaatgg 420

aacaaataca aaagatcaat aaaataaaaa gttgttcttt gaaaagataa acaaaattga 480

<210> 182  
 <211> 1922  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1446)...(442)  
 <223> similar to gi2088675 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 182  
 tttctttctt catccaaaat agtagagatg tctttcccac gatgacctgt gatggtggag 60  
 atatcttttc ctcgccaac tctcctcca tgggtcttct tgatgtcatc ttcaatagct 120  
 tcatcaattg cttcatcaaa ctcatcaaat ctgtagctta tacatttcct tgttcttggt 180  
 gacctccttt caaagcaagt ttgctttgga tttttttgaa tcttttttct tttcttcttg 240  
 atcttcagaa aagtctggct ctttgtggag gaatgatgtt ttcaatactg gataccaaca 300  
 tacaccaagc gttcttttcc ttcggtccgg caacgctctt tcttctttta aggcaacatc 360  
 ccaaatcctg gaaactggtc ctctaatttt tccaacaaga gcaagtttaa tgttgggcaa 420  
 aaggtggggc aagaacccat cctcccatct ggggatggat catcagagga ggggcgaaag 480  
 gcagggcagt atggtatcca ctatcgcaag agtcacacag aagaattagc tcaggatggt 540  
 ttggaaggcc acattttttg catggttcat catcatctgc taggatggct tcttcacttt 600  
 ctttttcttc ctctcttctt gaagctgcag atgatttttc actgccagac cttcactttt 660  
 catcattgct ggaatatatt catctgccac gtgtccgaga accagtcctat cgaactttgc 720  
 ctttgggttt taccttgctt actttagaat ttgtatcttt ctctgatttt ttcaaaattt 780  
 cttttttgtc agttttttgc aaagctgttg actcttcttc cacctcatct tctccttccc 840  
 ctcttttttt atcagctttc tgatctctga tctcagccac ttttgcagtg ggtctagata 900  
 ttcttgagaa tcttctttaa gtacgaccca catttgtttt ctctcttccc ttttctgtct 960  
 tctcttgctt gttttctggt tctagaactt tggggggaga atcgggcttc tttttccgac 1020  
 ttgatatcct gattgttaat ttgatccct ctttctgcct ttcagagggt atctctgtat 1080  
 tttctgaggg agtggtttct tcttcaggaa ccaacttata tttgaatttg cttttttgca 1140  
 tagaacctt tgtctcagaa ggctcctcta tgccagaggt ctgggcattg tccagattat 1200  
 ccatttctac ctttgtgaac tcagaatcct cttttagggt ttctaggctt acttttttca 1260  
 cagactggcc accaacagta cttgtactct ggcattctac cacttctttt tctgaggcta 1320  
 gtttctcaca gtggtcaatg atattagatg gtggagaagt ttcagctgcc tcaggagagc 1380  
 caggcttttc tgactctaga gtactctttg gaacttcttc tgggtattgga ctcaatcttt 1440  
 gtgcgtcctt atcaagaaaa gtcttttttg acttctctaa cttttcaaga cattctagga 1500  
 ttggtggggc cttatccttc ttagtttttg gagacttctc ttcaccttcc atggtacacg 1560  
 actcgggtga agataaagca gtttttgaag agagatcttt tgccatctca gaagaatcaa 1620  
 gagaagtttc catttctgga ggatcgggtt cctctatttg tgctttttga ctatggatct 1680  
 ctaagactga tattgaacta tctgcatctt tctcaaagg ggctgtttct ttctcaagct 1740  
 cacctgtttt catacttggt tatgacagaa tttaaggact ctgttccatt tccctccgtg 1800  
 atgatatttc tgtccttagg ggggctatag ctctcttctt ttgtctcata aaactttgtc 1860  
 tctacttggt tctgtcttaa aatttgagagc taccctttca tcaactaact ctccatttac 1920  
 ca 1922

09483735.043100



<210> 183  
 <211> 516  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (59)...(516)  
 <223> similar to gi3036883 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 183  
 atggctgtca tccagtcctt ctcgccatgc tatgagactg tcttgctctc tgagtcctcc 60  
 tgggccatgg gctcgccac cactgcagg ccatagtcac tgaggaaccg ctccatctcc 120  
 ctgacctgcc gctgcagctg cacacacatc gtctccagtt cctcctgccg ctgcagggtt 180  
 gcctcggctg ggtgtggccg gagggctctg accaggctct ctagggccgc tatcttctga 240  
 tccttggaaca gtatctcatc agtctgggcc ttcacctgct gctccaggtc ccacaacttc 300  
 ctgctcatga aggccatcag ctccgagtc tgggatgcag ggacatctcc atagatgcgg 360  
 attcctcgcc tccttttgcc tcttccactg tctccacaga ggtttctgga agtttctgtt 420  
 atctgcctgc tcctctgggt atacggcttt ctgctctgaa ctgagagacc tttggcctgg 480  
 tggtgcttgg gaaagtacac gcagggccgc acgaaa 516

<210> 184  
 <211> 998  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (9)...(999)  
 <223> similar to gi2072964 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 184  
 ccaatgggcc tgccagaata ccacattcct tttttaggca ccatgtatcc attcctcaag 60  
 gatagaccca tatgttaggt ccacaagtc ttaaacatt aaaaagttg aatacccatc 120  
 aagcatcctt cctctgaccc acagtggat acaactagaa actaataaca agaggaattt 180  
 ttgaaactac aaatacatga aaattaaaca atatgtcctt gaatgaccat tgagtcaatg 240  
 aagaaattaa gaaggaaatt gaacaatttc ttgaaacaaa tgataaagga aacacaacat 300  
 accaaaacct atgggatacg gcaaaagcag tactaagagg caaattgata gctataagtg 360  
 cctacatgaa aaaagaggaa aaacttcaaa taagcaattt aacaatgaac ctttaaccaga 420  
 aaagcaagag caaaacaaac acaaaattag aagaaaacaa ataataaaaa ttagagcata 480  
 aataaataaa attgaaataa aaatcaatgc aaaagaacaa tgaaacaaaa agttgctttt 540  
 tttcaaaagt taaacaaaac tgacaagcct ttagcaagac tgagaaaaaa gagacaagat 600  
 acaaatcaga aatgaaaaag acattacaac tgacactgca caaattcaaa ggatcattag 660

```

gggctactat gagcaactct atgccaataa attggaaaat ctagaagaaa ttgacaattc 720
ctagacacat acaacctact gagactggac caggaagaaa tccaaaacct gaacagacta 780
ataacaagta acaagggttg agccataata aaaagtctcc cactaaagaa aaccaaggac 840
ccgatggctt cactgttgaa ttctaccaa catttaaaga agaactaata ccaatcccac 900
tcaagctatt gaaaaataga ggaggagaga atatttccaa agtcattcta ggagaccagt 960
atcacccctga taccaaaaacc agacaaagac acatcaaaa 998

```

```

<210> 185
<211> 422
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (61)...(425)
<223> similar to gi2072961 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 185
atacacccgt tttaaaaacg cctggggcaa agggagaaat cccaaaggaa atcagtacgg 60
tttttggaac aaagagaaaa taaagactca acatagcaaa atttgtggga tgccctaaaa 120
aagtacttag tgggaaattg atagccctaa aagaatgatc tcaaataaac aacctgagct 180
tcccccttaa gaaaacagaa aaataagagc aaataaaatc ccctgtaaac attaaaaaga 240
atgtaatttt taaaaagtta aaaataaaaa aaggtttaaa agtttaaaaa aaatagagaa 300
aaatcagtga aaccaaaggt tgggttcctg agaaagtcac taaaatttac taatctcaag 360
acagacattc caggaaaaaa aatgaaaaaa gtggaatccc tagagattct cggacgcgtg 420
gg 422

```

```

<210> 186
<211> 909
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(910)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (3)...(907)
<223> similar to gi37195 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 186
aaggtggcgt catcagactt ccatacccaa tcaaaggaaa accattcnca atatgtaaat      60
ggaccaagga aggccaggat attagtaagc gtgccatgat tgcaacatct gaaacacaca      120
ctgagcttgt gatcaaagaa gcagacaggg gtgattctgg cacttatgac ctggttctgg      180
aaaataaatg tggcaagaag gctgtctaca tcaaggtcag ggtgatagga agtcccaaca      240
gtccagaagg gccactggaa tatgatgaca tccaagtcgg ctctgtgagg gtcagctgga      300
gacctcctgc tgatgatggt ggtgctgaca tcttaggcta catcctcgag agacgagaag      360
tgcctaaagc cgcctggtat accattgatt ccagagtccg aggtacatct ctggtggtaa      420
aaggcctcaa agagaatgta gaataccatt tccgtgtttc agcagaaaaac cagtttggca      480
taagcaaacc cttgaaatct gaggaaccag tcacacaaaa aacaccattg agtaagtgcc      540
ctttcaacca caaaattata aacattattt cagcactttt ctgtttttta atgaaagtca      600
ttggcttata atactggga ctgtattcta atacatgtgt gctttccact tataatttaca      660
gatcctccag aacctccaag caatcctcca gaagtactcg atgtaaccaa gagttctggt      720
agcttgtcct ggtcccggcc caaagatgat ggtggttcta gagtacacag ctactacatc      780
gaacgcaaag agacatccac tgacaagtgg gtcagacccc acaagactca gatccccccc      840
acaatgtaca aagtcacagg gcttgttcca aatgctgagt atcagttccg catcatcgca      900
cagaatcgg                                     909

```

```

<210> 187
<211> 526
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (63)...(526)
<223> similar to gi5926738 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 187
agccatgtta accatttggt aatttcttct gaacagatca agcaaaagta gataatcagc      60
cagaaaaaatt agtgcgtagt gctgaagatg tttccacagt gcctacacaa cctgataatc      120
cattttctca ccctgacaaa ctcaaaagga tgagcaagtc tgttccagca tttctccaag      180
atgagagtga tgacagagaa acagatacag catcagaaag cagttaccag ctgagcagac      240
acaagaagag cccgagctct ttaaccaatc ttagcagctc ctctggcatg acgtccttgt      300
cttctgtgag tggcagtgtg atgagtgttt atagtggaga ctttggcaat ctggaagtta      360
aaggaaatat tcagtttgca attgaatatg tggagtcact gaaggagtgt catgtttttg      420
gggccccagt ggaaggactt aacagcagcg gatggaaaaa aacaggcgtc ataccatatt      480
gaaagggcta atttgctacc aaacaaaggc caaatgggca agaaaa                                     526

```

```

<210> 188
<211> 469
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (3)...(330)  
 <223> similar to gi285951 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 188  
 acactgtttc aacattttaca tcctatgaac tcatggatta taaaacattt gtgacttata 60  
 ctgtctatgt cagtatgatt gccttagaaa gaccagatct cagggaaaag gtaatgacca 120  
 aactttaata ctcaaattta aagacttggt tttttgttt aaatacacia atcattaaaa 180  
 tgtacatttt ttttgtatat atgtttttta aaatacctag gtcattaaag gagcagagat 240  
 tcttgaagtg ttgcacagtc ttccagcagt tcggcagtat ctgttttcac tctatgaatg 300  
 ccgttactct gttttcttcc aatcattagg taaggatagg gttgatattt ttgattatct 360  
 gtcttcatct tactcctgat cctatgtgca aataacctaa gacgattttt cacctatctg 420  
 agaaatgtag tgtgtaggta actgcatgct tttgatcagt attcctaata 469

<210> 189  
 <211> 1614  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (544)...(1361)  
 <223> similar to gi5834580 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 189  
 ttattccctt ttctcccca aagcactcat gacctgactc gctgggagct ctatgagcca 60  
 tgttgccaac tcctgcagaa ggctgtggac acaggagagg ttcctcacca ggtgagtggg 120  
 caggctagag atgggttggg ggctgggggg ctagatttta aggacctacg gttctaggtg 180  
 gccactaggt gtgtcaagtc tcagtgcgtg gagtggaaca agcgaggaag atcaggtggg 240  
 tgggggtcac ctcttacatt cctctcttag aagggtggact ctacttccag ggtcttcttg 300  
 gatttccttg aagccaagga taatattgag ggattctaga agacgtagag taaattaggg 360  
 agcggtgaca tttctacttc gtgtagatgc ctctgaagaa tgtccagaat atcactcatt 420  
 ttccactgga aaaggaatta gctctccctt tactcatttt ctctcctctt cactgggtgtg 480  
 tttctggcta tctgtctctc cctctcctaa cccaaacctc atttttcaaa ccctttgttg 540  
 ttacaggtta tcctgccagc ctgactctt gtctattttt ccattctctg gacactaacc 600  
 cacatttcta aatcagatgc ttcccagggtg agtgtgggtc ttagatggga taatgggaac 660  
 agaggagtct gtgtcttcat tcttccctt caagccactg tgcccacaga agcagctgtc 720  
 gagtttgagg gacagaatgg tggccttctg tgaactctgc cagagttgcc tctcagatgt 780  
 ggatactgag atccaggagc aggtgagtac tgactcaagt gggagcaaca aggcgagtat 840  
 ccctgcccc attccaagga gaaattgaca gtgtcatttc taccttggga aacattctgt 900  
 ccttttaaac atcctttctt tccccctac aggcctttgt cttattaagt gatctacttc 960  
 tcatctttag cctcagatg attgttgggg gccgtgattt ccttaggcca cttgtctttt 1020  
 ttctgaagc tactctccag tctgagctag ccagcttctt catggaccac gtcttcatcc 1080  
 agccggggaga cctgggcagt ggtgcagtga ctctatacct ggggctcagt aagggtctggg 1140

gcttgggtgt	agctcagaaa	tatagggcag	gaagcttaag	tctgtgattc	ccttttgcct	1200
tccatgtgag	ccaggtgatt	cccaggagga	tcattttacag	atagagcggc	tacaccagcg	1260
gcgccgcctc	ctagccgggt	tctgcaagct	gttgctttat	ggggtgctgg	agatggatgc	1320
agcctcagat	gttttcaaac	actacaacaa	ggtacaccaa	ggccccagct	tgggcttcac	1380
gaagccactg	gtgaatgccg	aggttactcg	gctgcctaca	gtctagccac	tgaccacagg	1440
atggtgaact	cctgaatgac	aacgtgtggg	gtgacaaagg	gcagggtccc	cttgagcacc	1500
aggatgaagt	ctgtctgata	cgtggacagc	atgcaacacg	gatatgttct	ggtcagccag	1560
tggggcgatg	actgacttgg	cgatcttggg	catgcccaata	ggctggggagc	tgga	1614

```

<210> 190
<211> 2039
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (998)...(2039)
<223> similar to gi3882197 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 190						
aacaaaagaa	aacattttat	tgcaatttga	ttaacaagga	gacaggagcc	cagctcaa	60
ctgtccatt	gtacttattt	ttaaagagta	tttttagtag	aaaggtgtag	ggagtggatt	120
ctgtgattag	taggtgattg	atagaaagat	ttgtttgggc	tggaataatc	tcgggccatg	180
gggcagttaa	cctcttcacg	ccctcctcat	gggtcccat	gtgcaaaact	cagagggagt	240
taagtatgaa	acatgcggta	caaatttagg	ctgtgtgtca	gcaagctcat	tctgtacaaa	300
ctctggtttt	atctctttat	cttgacacct	gaaggggtgt	cataatccca	tactcccca	360
aaatatgccc	tacatgcaga	atttaaattc	atcctgcctc	cttgactctg	agggccactt	420
cctaccacag	ctaggtgccc	ttttctgtca	gcattctttc	tggagcttgc	ttatatcaaa	480
cctaagaaaa	gcaactccag	gactccagac	aaaacagatc	tccacccatc	tggcggccag	540
aaagggaaag	tctgggcaaa	gagggagaga	gaatcaacct	cactcactct	ggatgggcct	600
cctgtgtgtt	cacagaggac	agagcagagt	ccccagctc	atcctcaata	tcagcgctcc	660
cagactggct	taggtcctgc	tagaagaacc	caggattttg	cctggcagaa	agacacaaga	720
cctttgccag	gatcagcctg	gtctctcacc	aattcatgtc	aggtgaagac	ttatagtgga	780
gctgtttaaa	tccttagaaa	aatgatttta	aatgccttga	agtccaaatg	actttggagt	840
gctaaaattt	cataagtttc	catgcctagc	acatagaaaa	gggaagctgg	ggtttcatgg	900
gcatgtttgt	ctaatacctt	ccatctacac	aacctcacac	gcacatcaca	aagcatcaca	960
aagactctaa	tttctccaac	gcttgggtga	atcacctgtc	caggtagaga	taggctgcca	1020
caccgatgac	cttaccaagg	ccaggaagct	atctcgagcc	cccgtggtga	ctcaccaatg	1080
ctggatggac	aggactgagc	ggtcagtctc	ctgcctctgg	ggcggcctcc	tctacgtcat	1140
cgtgccccaa	ggcagccaac	taggccctgt	gcctgtcact	atcaggggag	ctgtgcctgc	1200
cccatactac	aagctgggta	agtggagtga	acatttaggg	aggaggaaga	gtggcagatg	1260
ccgtgggaac	tgtgggggtg	ttgctaaatg	ggagagggat	gagctttggg	ggagagaaag	1320
aggaagaact	gttggggagg	aacatggagg	cagaagatac	ggaataacct	gtgtccatgg	1380
agacttcagg	gcagacaaag	agaagagtca	ggaagccttt	tcttcccttt	acagcctata	1440
gacgcctgtg	atagtagttc	attattgcaa	tgttcttcca	gagttcaaat	ggtatttttc	1500
agctcaaggg	aagttggaga	agtgggtgtg	gtaggttcca	tgatatattat	tcccaggtaa	1560
gacatcgctg	gaggagtggg	agaggcagat	gcaggagaac	ctggctccct	ggggagagct	1620
ggccacggac	aacatcatcc	tgacagtgcc	aaccacaaac	cttcaggccc	tgaaggaccc	1680
cgagcctgtg	ctccgcctct	gggatgagat	gatgcaggct	gtggccaggc	tggcagctga	1740

```

gcccttcctt ttccgccgtc ctgagaggat tgtggctgat gtgcagatct cagctggtgg 1800
gtgctcccag ggaatcctcc tgtaatccca gctactcagg aggctgagac aggagaatcg 1860
cttcaaccca ggaggcagag gctgcagtga gccaggatcg caccattgca ctccagcctg 1920
ggcaacaaga gtgaaacttg ttttagcggt ccgattttgc ttttgtcttc atgctgcacc 1980
tcatcttcct ttttaagcttt cagaataaac attccattcc tttaccctg agcagtgcg 2039

```

```

<210> 191
<211> 794
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (21)...(621)
<223> similar to gi537432 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 191
ggagaactcc gattgattgg agtccctgtt ggggcagtag cagggttcca cccaccgcgg 60
tcctaggcct gggggcgaag tccaggcctg gccacaaggt tcaaagatgt gtcagaccca 120
agccgctacc ccctactccg agggcgaggg cggagaggct cagccccagg ggcggggcct 180
gtagtcggag gccgagcggg cgtgggtccg gtagtcagg cggctctcgg tggcagtga 240
catgcgctcc ggctccacca cgaacatgta gtagagggtc cacatcagca tcgacagcag 300
tggcagaaac gtcaggccgt agccgaagcc tcggaaggag cggcccacgg caaaggtcag 360
ccagtagatc agccgggaga cggcaaagag accagtgaag agagggagca gtttgagggt 420
atcctggggc aggtaagtgg aaagcacggc caggttgaag aagtagagaa taaagagctg 480
gaccgactgg gccacatata gccggtggat ctccacctcc cgccgtgggt ccccaaagg 540
ccgaagggca gaaaagcata acaggctcag cccgtacacc aggatccctc ttcaactcca 600
gtagggccag ggtctcctgt tctgtcatcc tggggcctca gttctgggat ctaccacaag 660
gtcatgtcat cctgccctga tccagttaag ctttggccgc ctcagtgggt aactgtccg 720
ttctctgata gctttgcca taaagttttt cgcaagggtt tggagaagcc ggaaagacgc 780
catgctgccc agag 794

```

```

<210> 192
<211> 1616
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (9)...(1575)
<223> similar to gi330421 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400>	192					
ggaggttgcg	gcggcggctg	cggcgcagcc	cggggcggcg	ggtgggaaga	ggactaccag	60
aggggcctgc	gggagaccca	gggtcggacc	cataggagtc	ctgtcgtcag	gacctccttg	120
atcggctctc	tgcttggtt	ctcggtgaa	gaggagcttc	ggggtgtcgg	ctgggctgcg	180
cggactcctc	ttgggatccg	atgatggatc	ccaccgggtg	atcgggaatg	gggttacaat	240
gcagtgaggc	ggaaggtctc	tcgccggggc	acagaaagat	cccaggggcc	gcaaggcgtg	300
ctgtcgcctg	caaaggcaact	gacccacgag	cccactgcct	ccctccttcc	tgggtggagc	360
aggggcctgc	cttcatctcc	aaggcccggg	ggctccggca	tctcgacgcg	gcttccggcg	420
acacgggcaa	agagagacag	aggctagtcc	gagccggagc	cagtgtgacc	acacgtggca	480
ctgacgtccc	ccaagagcac	atgcagtgag	cctgtgtctc	tgaggccgta	gtgggcgacg	540
acgagacgga	cagtgatgtc	caggcctgcg	cccgggggcc	actggagacc	tgccccctcaa	600
agcggaggaa	acgccaaagt	cacctgaaaa	cctgcgagac	agggcctgtg	cacgagtcca	660
gtactcttac	ttcgccaagt	ctcagggacc	catccccgag	caacgggtggc	ggcgcacaga	720
agagcacggc	gccgcgcag	gtgcagagag	acaggaggct	gatgggggga	agttgaggca	780
cctggggcag	agaaaaaaat	gcattgccaa	gaggtttctg	ggtcatctac	tgacgaaaat	840
gtcttcccat	cagcccttgc	gctgggtccc	agggaccctg	gcatccgtcg	ttggcgccca	900
gggtgcgcgt	cgggccacta	ggggtacccc	aactcggaca	gaaggcccat	gagttgaatt	960
tgaagtttgt	gggaatagag	gtgaggcacc	aggggcagaa	aaaaaacagg	agacctcgcc	1020
tcagacaagc	ggggcctggg	tcccccatgg	atgaaagtgc	cttcccatta	tgctgtaccc	1080
tgggcagagt	ggacagtgac	gaccctgggt	cgagcccagg	gtgcgcttcg	ggaccgcttg	1140
cggttaccag	aaagcgaaaca	aatgggtccat	gagcgggaagg	tgaggcacct	gaggcagaga	1200
aagtaaagaa	acgcgccgcc	gagaagcagt	gcctgggtcc	ctcacggagg	aaattgtctt	1260
ctccttagcc	cgttcgcttg	gcagtgaggt	ccctggcgtc	cctggtttga	tcccagggta	1320
cgcctcgggc	cactagtgtt	accccaaggt	gggcagaaag	cccataaggg	gaaggcgagg	1380
cacctggggc	agagaaaaaa	aaaactctcg	ccgcaaagaa	gcgcggcctg	attccccacg	1440
gacgaaagtg	tcttcccatc	agtccttgca	ctgggacccg	gggacctctg	gtgacctggt	1500
tcgagctcag	ggtgtgcctc	agccgcctacg	tgcaccccaa	ggggagcttt	gggagcccaa	1560
aagccaataa	gggaaagtaa	tttttaaggc	cccagtggtt	gaqgcccctg	tcacag	1616

```
<210> 193
<211> 476
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(477)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (30)...(476)
<223> similar to gil297319 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	193						
attatacaag	gaatgcttct	aatctggaaa	gaaatgacct	acggattgag	gatggcatct		60
cttccacact	gccgtccaaa	gaatcaagaa	ggaagggtgg	tctggactac	ctaaagcagg		120
tagagaatga	aacaagaaac	aaatcagaaa	atgaaaagaa	ccgcaatcag	gaagacaaca		180

aagtcaaaga	ccttaaccaa	gagattgaga	aacttaagac	gcaaatacaa	cactttgaat	240
cgttggaaga	agagcttaag	aaaatgaagt	ccaaaaataa	cgaccttcag	gataattacc	300
taagtgaaca	aaataaaaaac	aaattattag	ccagccaatt	ggaggagata	aagctctaata	360
caagaaacag	aaagagtttag	aaaatggaga	ggtagaagg	gaagatgctt	tcctgccaca	420
aagcaacgaa	atctcgaccg	gngtctgtcc	gatgtctcta	agggtctatac	gactcg	476

<210> 194  
 <211> 1686  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1687)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (2)...(1689)  
 <223> similar to gi2351568 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 194	
caggggttacc	cgaggagta tgaggagcac aggggaaagg gcagctttca cagctatgat 60
ctctccagca	tatcagaacg ccatgaagct tcaggagctc gctagtgaaca tcaaatacag 120
gcaggacttc	gataagatga aaggcgctgc acattatcac tcgcttccag ctcaagacaa 180
cttggttctc	aaacaggctc agagcgtaaa caaactcgtg agtgagaata aatataaaga 240
aaactaccag	aaccacatga gaggccgcta tgaaggagtt ggtatggaca gacgcactct 300
gcatgctatg	aaagttgggc agcctggcaa gcaacgttgc ctacaaaggc tgattataac 360
catggtattg	tcgacttaca aantaccca gccactctca cgccttccta tcaaacagct 420
atgaaactgg	tgcccttgaa agatgccaat tataggcaga gcatcggaca agttgaagta 480
cagcttggtg	actgacaccc cacagattgt tcaagccaaa atcaatgccc agcagctgag 540
tcatgtgaat	taccgtgctg actatgagaa aaataagttg aattacacat tgccccagga 600
tgttccttca	gctggtgaag gccaaaacca atgccaaact cttagtgag gtttaagtata 660
aagaaggctg	ggagaagaca aaggggaaag gatttgagat gaagctggat gccatgtctc 720
tgctggccgc	caaagcctct ggggagcttg ctagcaatat taaatataaa gaagaatatg 780
aaaagacaaa	aggcaaagcc atgggaacag ccgactctag gcttctgcac tccctgcaga 840
ttgctaagat	gagcagtgag gttgaatata agaaaggctt tgaagagagt aagacccggt 900
ttcacctgcc	catggatatg gtaaacatca ggcatgctaa gaaggcccaa actctcgcca 960
gtgacctgga	ctacaggaag aaactgcatg aatacactgt gctgcctgaa gatataaga 1020
ctcagtgggc	caagaaggtc tatgggcttc agggcgagct gcagtacaag gctgacctgg 1080
catggatgaa	gggagttggg tggctgacag aggggagctt caacttgga caagccaaga 1140
aggctggaca	gctggctcagc gagaaaaact accggcagag ggtcgatgag ctgaagttca 1200
ccagcgtgac	cgacagctcc cagatggagc acgccaagaa gagccaggag ctacagagcg 1260
gggtggccta	caaggcagga aatgagcagt ctgtccatca gtataccatc agcaaagacg 1320
agcctctctt	cctgcaggcc cgagccaatg ctgcaaactc cagcgagaaa ctgtataaga 1380
gcagctggga	aaaccagaaa gcaaaagggt ttgagctgcg tcttgattcc ttgaccttc 1440
tggcagccaa	agccaagagg gacctggcta gcgaggtgaa gtacaaggag gattatgaga 1500
gatccagagg	gaagctcatt ggggcaaaag atgtacagg agattcgcaa atgagccact 1560
cactgcaaat	gtccaagctg cagagtgagc tggagcacia gaaaggattc gaggacacca 1620



```

aatcccaatg ccacgtctcc ctggacatgg tccacctcgt gcatgcccgc aaagctcatc 1680
atttat 1686

```

```

<210> 195
<211> 1344
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (25)...(136)
<223> similar to gi211607 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 195
tttttttttt ttgctgctgg gtcggggtttt atttcaaagt cagccacaga ggcggtttct 60
gcacaggtag gtgatccgac tccacaagct cccaccaggg gctcccatg acccgcaatg 120
acgctgtgtg ggggtcaaagg aaaacaggcc acagccaggc ccctcgatgg acgcaggcag 180
gggaccagga atgcggccca cgcaggggga tcgggaatca ggcggaagggt gcagggtttgc 240
agctggcggg aggagccagc atgcccctaat ctctaaaata ttcccggtag aaaaatagac 300
atttccctcc aaagcagatt cctggggctg gaggggtccct ccaaggccag ggggtccgggt 360
gattccagag catccacgct ctgctgctgaa ggactgaac ctgccatcac tgtcacagcc 420
gtcaccggcc aaggagggtc tggaggaggg aaggggccct tgcgaggctc tgggtgctggt 480
gatcccggcc cccaccaccg gaggagctga aagcccttgc tcagccgctg ccctgctggt 540
gaaccgggcc cccaccggcg gaggagctgc accctgtgtg gtctgaggca gccctgcact 600
gggcagcgcc cccgccccgc gctgaaccca ctaggagagc agctgcagca cctgtcgat 660
gcgctgggcc ctccccggca ggggggggatc agagccctcc tcatccagct cccgcatcag 720
ggcttccgcc ttctgcaccg tcagctctcg ggcccgcccc tgcagccctc ccaggtaggc 780
cagcagggtg gagaagtgtc catcggaac cttgtcactg tcatacatgt gcagcaggag 840
ccacgtctgc ctctctttct gaaacctcca gttcttctgc ttttgggccc atctgcagag 900
gtagtccagg gccagtctcg cccccgagcg cctggcaggc ggggtgctggg ccacaaggcc 960
tgccctccgc agacgtctgc tctctctttt cttccgttcc tttttcagct tcctttccag 1020
gacctctctg tcctctgggg acagctctgg ctctgcgtcc agcccgggcc tgagcacagc 1080
ttcgcccttg gagccggctc ctctgccact tgggtgcagcc tcaggggcca gcagtggccc 1140
ctctgctgac gccttcttca gctttttgtt ctttttctct gtcacttcag gaacttttct 1200
cttctgtttt gccatcctgc gccacacctg gccacgctcg cccacctaa cgtgaacagc 1260
tgcgtcgcgg acgcccctt ccggcaggga cccgcggacg cgtgggtcga cccggcaaaa 1320
cgggtccaac ctagggcgtc gagg 1344

```

```

<210> 196
<211> 1617
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

```

<222> (1)...(1618)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (98)...(1617)
<223> similar to gill118097 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 196
tttttttttt ttctgtctaa aatgacaacg atcgtttgga gaagtttatt accacccta 60
ccctccagtg ggatctcaat gtcacgatga gtccggggct ggctttccgc cgggaccctc 120
ctgtcctggc acatggccca cccagcacg aagcctggcc gggagggctc aggtgggtgg 180
ctgctaggcc aggcctcccc agaacgactg ccccatgtcc agcctgtatc tcctgagtgc 240
catgctgcac tggggaggga cagggtctggc tcggggctcc aggaaagatg cctcacatgt 300
gcctagaaat gtaggcgtca agggaaggct gtgtgtgggg gcacctgagg ggctgggctt 360
cccaggcatc tgagttctta cggagcccta ataggcacat ccccaaagtg ttgtatgagg 420
atgagcacia aaatagcaga tggggtcacc ctaccctcc actgacaatg gactgggatc 480
cgactcatgc aacattcctt ctcgcccgta ggttccacat ccatgggtta ggtgtgctgg 540
cctggagccc gccggccccg gtccccaccg cacaaggacc ccatcacaag tgggtgtcat 600
actcttcctc cagaaacgga ttaagcaacc agcatgtgaa ccttacgctc tgtttacagg 660
ctgagtcccc acagctcttc cagcttcagc caggccaggg tcaccttcag attgaatgtg 720
cagggccctt gaggactcat gtccctgagat ggcccttctt cctgggatgg gacccccggg 780
ttcagggtgag aggtgttccc gggcccttc acctggggct cagggtgacag gaggtgttcc 840
gggccccttc acctggggct cagggtgagag gaggtgttcc gggccccttc acctggggct 900
cagggtgagag caagtgttcc gggccccttc accgggggct cagggtgagag cagggtgttcc 960
gggccccttc acctggggct cagggtgagag cagggtgttcc gggccccttc acctggggct 1020
cagggtgagag caagtgttcc gggccccttc accagggttc cagggtgagag cagggtgttcc 1080
cgggcccctt cacctggggc tcagggtgaga gcagggttcc cgggcccctt cacctggggc 1140
tcagggtgaga gcagggttcc tgggcccctt cacctggggc tcagggtgaga gcagggttcc 1200
ccgggcccct tcacctgggg ctcagggtgag agcagggtgt cccgggcccc ttacctggg 1260
gctcagggtg gagcagggtg tccgggcccc ttacctggg gctcagggtg gagcagggtg 1320
tccgggcccc ttacctggg gttcagggtg gagcagggtg tccgggcccc cttacctgg 1380
ggctcagggt agagcagggt tcccggggcc cttacctg gggtcagggt gagagcagg 1440
gttctggggc cctgcatctg agggccggga gttgacctg acttcctggc ccagaaaga 1500
aaagggaaaa ctcagagatc acaggagaag ggacacaagc ggggagggtc gcaggctgcc 1560
ccaaagccca gctccagggt caggaaagcc cctccccact ncacccttcc ggagggc 1617

```

```

<210> 197
<211> 659
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(660)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature

```

<222> (1)...(368)  
 <223> similar to gi5689485 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 197  
 ctgaaggctg tacttttgcca agaagagatt tgtgtcatca ttctgctaga atgtggcacc 60  
 aaccagatc ttatggatgt ctatagcaac aatgcactac actatgctgt gtataatgag 120  
 aatacactac tggcagaaaa actgccctca caccatgtga atactgaagt gctgaacaag 180  
 gatactgaag tgctgaacaa ggatgcaaac acaccacttt tacttgctat agtttgcaaa 240  
 acacagcaaa aggtggaatt ttagtgaaga aacaagcaaa tgtacatgct gttgataggt 300  
 tgaagaagac agctctcatg cctgttgtag attatggctt gtcaccgtat agttagcatt 360  
 cttcttcaac aaaatattgt cttttctcaa gagtatgtat ggaccggctg cagattatgc 420  
 tatttttggg ggtttggcaa gccctcccca caaattttgc ccccttnnnn nnnnnngatc 480  
 cttgaaaatg gtcttcaaaa tgacaaccca gaagaagcat ccaagaagaa tgcaagtttg 540  
 aaaacaggag gagcaagtgc aaaagattct gggagttttg aagcatctgc attcagtatt 600  
 taacaaaaaa ctgtgtgttg actcatggcc taaaccagat gatgaagact tgactttta 659

<210> 198  
 <211> 463  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(410)  
 <223> similar to gil488275 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 198  
 agaaaccaaa tccattgtgg agctgatggc aattcaggag aaagaagggc aggccgtggc 60  
 tgtaccatct tcaaagacag actcagatat aaggactttc attgagagca ataatcgcac 120  
 caggagtccc agcctccttg ctacttaga gaacagcaat ccttccagca ttcactactt 180  
 cgaaaacatc ccaaacagcc ttgcatcttct gcttccattc cagtacataa accctgtctc 240  
 agcaccactg ctagggttgc ctccaaatgg gctactgtta gagcaaccag ggttgaggct 300  
 gcgggaaccc agcctttcaa ctccagaatga atataatgag agcagcgaat ccgaagtttc 360  
 tcccacacct tataagaatg atcaaacacc caatagaaat gccctgacca gcattactaa 420  
 tgtggagccc aaaaccgagc cagtctgacg aaatcgtcga cag 463

<210> 199  
 <211> 669  
 <212> DNA  
 <213> Homo sapiens

0040875.04100

<220>  
<221> misc\_feature  
<222> (4)...(660)  
<223> similar to gil780975 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 199  
attgttacag ccgaccaatt actgggaatg ggccagtggg ctgcaattcg aaaccaaact 60  
atgctaaatg atgaggttat tgaacaactg tggaaatgct gcttagatgc ttgggacaag 120  
attcaagatg atgacaaact atgcccattg ttttaacagc cgtcagacgg ggacaacatg 180  
aaccgtatcc agacttttatt gcccatcttc aagacgcagc agaaaaagct atccctgata 240  
gccagggcca atgacttggt atagaactta tggcttatga acaagtaa at ccagactgtc 300  
aggtggctat ttgccccatt aaaggcaaaa ttccaccagg gggatgatgta ctcacctcat 360  
acattaaagt ctgtgaaggc gtgaggggaa ctctgcgtac agcaatggtc atggcacaag 420  
ccatgggtctc tattcgaatg cctggacaat tccctggcaa atgcttccta tgcagccaat 480  
cgggacattc taaaagaaat tgtccttggc atacaggccg ctgttctttt caacaccaac 540  
aaccaaaatt ttttcaacaa caagccccac tttctactat atgccacga tgccaaaaag 600  
gaaatcactg ggtggctcaa tgccattcaa aatttgatat tgatggcaat cccttacggt 660  
cacttccag 669

<210> 200  
<211> 455  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(455)  
<223> similar to gi5640017 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 200  
tacaccagag ttcacactgg agaaaagcca tatgagtgtg aggattgtca gaaagttttt 60  
agcaagaagg accacctcat tgcacaccag agagttcaca ctggagaaag gccatatgaa 120  
tgcagtgatt gtgggaagtc atctacccac agctctgcat tctgtgttca taagagagtt 180  
cacactggtc acaccacctt atgagtgcag tgaatgtggg aaatcctttg ctgaaacttt 240  
cagtctcatt aaacacagga gagttcacac tggagtaagg tcttgtgatt gcagcaaatg 300  
tggaaaaaaa gttacctgaa ggtcttttct ccttgaatat cagagagttc acactagaca 360  
aataaaatac atttgggcaa ttttgtagcc acacctctt gctccttcaa gatcagagtt 420  
aacactggat cagggcctta ccagtgtgac atgtg 455

<210> 201  
<211> 564

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (2)...(564)  
 <223> similar to gill177607 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 201  
 ttttttttgt ggcagggtct cattctgtca cccaggctgg agtgcagtgg tgcagtcata 60  
 gctcactgca gccttgaact cctgagctca agcaatcctc ctaagtagct gggactacag 120  
 gtgtgagcca ccatgcccag ctaattatgt tgattttttt gtagagacag gggcctccct 180  
 atgttgccca gactggtctc aaactcctgg gctcaagtga tcctcccgcc aggccggaac 240  
 tcagactttg gtctctgtct cctccatgtc acccatcttc ccgagggaagt gacctaccat 300  
 tgggtgtgat gtgacagaag gaagaaaaat gtctcaccag agatccagcc agccacaaat 360  
 tcctccaccg gcattgtctg ggcttgccgg aacaggcctg gctgttctct tcagggttgt 420  
 ttacgactcc cccgactccc ccgtgtgagt cagaaacaca gccttcctcg gcttcctcct 480  
 tcccagggga aagatagggg ttttgattat ttaaagtgcg tggtgatctg caatggcacc 540  
 attctgctca gtcaaaacac gaaa 564

<210> 202  
 <211> 816  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(817)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (816)...(33)  
 <223> similar to gil263289 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 202  
 caccacgcg tccggtgaac atgaacctca tggatgcctc cgtgcctctc cctggccctt 60  
 gggctgctgg agagtgtgac cttgagcagc ccagccctgg gccagctggt caagagcgag 120  
 gtgcccctgg ataggctgct ggtgcaccta cagggtgatga accagcagct gcaaaccaag 180  
 gccatggccc tgcctgacagc cttgctgcag ggggccagcc ctgtggaacg caagcacatg 240  
 cttgactatc tttggcagag gaaccttcgc cagttcatct ataagaacat catccacagt 300  
 gcagcaccaa tgggcgacga gatggctcat cacctgtacg tactgcaggc tctcatgctg 360  
 gggctgctgg agccgcgcat gcggacgccc ctggaccctt acagccagga gcagcgggag 420  
 cagctgcagg tcctacgcca ggctgccttc gaggtggagg gggagtcctc gggtgccggg 480  
 ctaagtgtctg accgtcgccg ttccctctgt gcccagagat tccgcaaact gggcttttct 540

aacagcaacc	cagcacagga	cctggagcgc	gtgccccccg	gtactgctgg	ccctggacaa	600
catgttgtac	ttctccagaa	acgcgcccag	cgcgtaacagc	cggtttgtgt	tggagaacag	660
cagccgcgag	gacaagcacg	agtgcacctt	tgcccggggc	agcatccagc	tgacggtgct	720
gctgtgtgag	ctgctccgtg	ttggggagcc	ctgctctgag	acagcccagg	acttctcacc	780
catgttcttc	ggccaagacc	agagcttnca	cgagct			816

<210> 203  
 <211> 1682  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (215)...(1669)  
 <223> similar to gi4240291 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 203						
cggacgcgtg	ggtgtagcct	gggatgtcct	gccaggttgg	gatgggaaac	gctgactacg	60
tggctgcctt	cctgcacctg	ctgctcccac	tggcctttga	ggtgactgca	cggagggctc	120
ccccaggcca	gccgggtggg	agggggacct	tgtgcctgga	gtgcgccagt	gaaggcagga	180
ggagggttat	gagctgtccc	actcctgtgt	ggctggggaa	ggtgctcagg	aggggatggg	240
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gcctggcctg	tagtttgacc	ctgagctggt	gctggtctcg	gcaggatttg	actcagccat	360
cggggaccct	gaggggcaaa	tgcaaggccac	gccagagtgc	ttcgcccacc	tcacacagct	420
gctgcagggt	ctggccggcg	gccgggtctg	tgccgtgctg	gagggcggtc	accacctgga	480
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ccccagcagc	cactccccag	aggggaggcc	tccacctctg	ctgcctgggg	gtccagtgtg	720
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cgagtccctg	gcccgggagg	aggccctcac	tgcaactggg	aagctcctgt	acctcttaga	960
tgggatgctg	gatgggcagg	tgaacagtgg	tatagcagcc	actccagcct	ctgctgcagc	1020
agccaccctg	gatgtggctg	ttcggagagg	cctgtcccac	ggagcccaga	ggctgctgtg	1080
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ggcttgaaat	cggccaaggt	gggagcattt	acaccgcaga	aatgacaccg	cacgccagcg	1620
ccccgcggcc	gcgatccgga	ccccaaagccc	acggctccct	cgactctggg	gcacggaacc	1680
cc						1682

004837E" 04100

<210> 204  
 <211> 1798  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1799)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (106)...(1743)  
 <223> similar to gi3044185 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

0940873E.012100

<400> 204  
 gcacgagagc tcggtggccat gatcgtgaac cacctcaaga gccaggggct cttcgaccag 60  
 ttccgcagag actgcctggc cgacgtggac accaagcctg cgtatcagaa tctgagacag 120  
 cgtgttgaca actttgttgc aaatcacttg gcaactcaca catggagtcc gcatctcaat 180  
 aagaaccagc taagaaacaa cattagacaa caagtcctca aatcaggaat gttggagtct 240  
 ggtattgacc gaattatttc tcaggtttgtg gacccaaaga tcaaccacac attcagacct 300  
 caggtagaga aagctgtgca tgagtttttg gccacgctaa atcacaaaga ggaaggaagt 360  
 ggcaacacag ctcccgatga tgagaaacca gacacttccc ttattacaca aggtgttcct 420  
 actcctgggc ccagtgtctaa tgtagccaat gatgccatgt cgatattgga aaccataact 480  
 tctcttaacc aagaagccag tgctgctagg gcttcaacag aaacatcaaa tgccaagacc 540  
 agtgagagag cgtcaaaaaa acttccatct cagccaacca ctgatactag tactgacaaa 600  
 gaaagaactt cagaggacat ggctgataaa gaaaaatcta cagctgactc tggaggtgaa 660  
 ggactggaaa cagcccaaaa gtctgaagag ttcagcgacc tcccctgtcc agtcgaagaa 720  
 attaaaaatt acacaaaaga gcataataat ttaattctgc taaataagga tgttcaacag 780  
 gaaagcagtg agcaaaaaaa taaatcaaca gacaaagggtg aaaagaagcc agccagcaat 840  
 gagaaaggag aaagaaagaa agaaaagaag gaaaagactg aaaagaaatt tgatcactca 900  
 aaaaagagtg aagatacaca gaaagttaaa gatgaaaaac aagcaaagga aaaagaagta 960  
 gagagttaa aacttccttc agaaaagaac agtaataaag ctaaaactgt tgaagggaca 1020  
 aaagaagatt tctctttgat agattctgat gtggatggac ttacagacat cacagttagc 1080  
 tctgttcata ccagtgcact ttcatctttt gaagaagata ctgaggagga agttgtaacg 1140  
 tctgatagca tgggaagaag agagattacg tcagatgatg aagagaagaa caaacagaat 1200  
 aaaacaaaaa ctcaactag tgattctagt gaaggaaaaa caaaaagtgt acggccatgc 1260  
 gtatgtccac aaaccatatc ttactcaaaa atactatagt gattctgatg atgagcttac 1320  
 tgtagaacia cgacgcagat ccattgccaa agaaaaagaa gagaggcttt taagaaggca 1380  
 aatcaataga gaaaaacttg aagaaaaacg aaaacagaaa gcagaaaaga caaagtcttc 1440  
 aaaaaccaag ggtcaaggca ggagtagtgt ggacttagaa gaatcatcaa caaagagttt 1500  
 ggaacctaaa gccgccagaa ttaaagaagt ccttaaagaa cggaaagtgt tagaaaaaaa 1560  
 agtagcctta agcaaaaaga gaaaaaaga ttcaaggaa gttgaagaga actccaaaaa 1620  
 gaaacagcaa tatgaagaag attccaaaga aacccttaaa acaagtgagc attgtgaaaa 1680  
 ggaaaaaatt tcttcttcaa aggagctgaa gcatgttcat gcaaaaagtg aaccaagtaa 1740  
 acctgcccg agactttcac accctttgca tgtagttgnc gaaaacaaaa atgaatcc 1798

**D E B I T O R S**

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09067-0100



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atctaaaa	act	ttaatttgg	g	aagatttgt	gt	taactcac	at	gtagtagt	at	taaaaaat	gc 600
ctcatatg	gt	ttagtaata	g	actgggcac	c	aaagggct	at	tttaaaaa	ac	aattgtct	cct 660
ctggtgga	aag	ggaatgcct	g	gaggctact	t	attttatt	ttc	tcattggg	ag	gacaaggat	c 720
atcatcct	ac	tttgcata	gg	agggtcag	ct	cattcttt	cc	cttataat	gg	gaagataa	ng 780
gcattacccc		cac									793

<210> 207  
 <211> 898  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(899)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (155)...(898)  
 <223> similar to gil9867 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 207											
ggcacgagga	agtgggtgag	gttgggggtcc	caccagagat	gagggactcc	tggaggaagt	60					
gtggacattc	ctggctaggg	tgggagtccc	aggagaggtg	tgtcaaggct	gggactcctg	120					
aagtgaatgt	ggatgtccct	gtctgggatg	gggacctggg	aggcaggagc	caagggctgg	180					
ctacgtgcca	tgtcacacag	cagaggagct	cctcatctgc	catggctcat	gtgggcagcc	240					
cctgacacca	cccttccatc	tgccccactt	ttcagcaccc	tccagccctc	cacttgcagc	300					
acagtccctt	gaggggcacc	atggacacca	agaaccagcc	tccacatcct	tcctacctaa	360					
caggattcag	gaggagtggg	ggttgctggt	tcggtcacag	aaggacctgt	attgggatgc	420					
gatgctggag	aagtacggca	cagtgggtctc	cctgggtgag	gaccagccag	ccccaccccg	480					
cccctctccc	tggggcctgc	acccaccctg	cagcaggcct	agctgggcag	ggcctctgtg	540					
ctaccagccc	taccagctc	tcccaccttc	cagaggaaca	ccctgtcacc	taccagaacc	600					
gacccacccc	ctccttcatg	caaaccccat	gcctaactgt	gccccccacc	cgggcagggt	660					
taccgcccc	ccagccagag	gcacaggccc	agtcagagct	ggggatgctg	ctcacggnga	720					
caggcgtctg	cagaagcctg	cgctcgggga	gtgccccaca	ccatccagcc	tgaatcacc	780					
ctcctgtatc	gggggacctg	agccacccac	tcatgngggg	acggagcttg	gccacagcac	840					
aagcctcaaa	ggaggggtgt	gagngccgga	ctcacctgtt	tgccccctgc	cccaggaa	898					

<210> 208  
 <211> 1267  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1270)...(631)  
 <223> similar to gi4056437 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 208

tttttttttt	ttcagaaaca	tatcgaaaac	tttactagaa	atatagagaa	aaaaaaataa	60
ctgcctggga	ggtttcctgt	cccttcagga	tggatgacca	acagatgggg	cacctagggtc	120
cagtggggct	gctcccgatc	tactgtttct	tcctccagga	gcaaggcatc	tagctcctcc	180
agccgctgct	ggagcagggg	gcccacatca	gggtcggggg	ccacattggg	aggaaacagtc	240
ctgccccctg	cagcccggac	cccacgggac	ggctctcgtg	atcgaggaag	gctgctgtcc	300
cgaaattcca	cagcccggcg	gagcttcctt	gagctgggtg	aaatcagagt	cccattgcgc	360
tcccgggggt	cctcaaagat	ggtctcaaag	gtcctcctgg	ttgtgggtga	ttggtaattc	420
ttgttggtgt	aaatttcctc	caagctgaac	tccttcctgt	tcaacctgat	tggtcgaggc	480
agtcccattg	gtgtaagggt	tagctgagga	cgggctgggt	ttctgcgtat	tctgaatcga	540
gaaacctttc	ccatggtcct	ggtctcaggt	tctgaaagca	cctggtcctt	tgaggctcct	600
ggctccttcc	ctttggttga	acccaacctg	ggttctgctg	gttcggagaa	ggaagtggat	660
gccgtggacg	agcaagatgt	ggtgagagaa	ggggaggctc	ccactcctcc	gagagggaag	720
acctctttcc	ggagacaggg	ccgagggggg	ggcggggctc	gggccatttc	cccaccaccc	780
acagtgtgcc	gccgcggccg	tggtcggctt	ggttgggggt	gagcaggtgg	ccaggtgcag	840
gtacctgggc	cagggggccc	cagatcaggg	caggagtagc	ttcggcccag	agagggctta	900
gggagaagtg	ctgggggtatt	gtggctcctga	gttcgccact	ggcggattgg	gggccggggg	960
ctgacagacg	cagtgccttc	agcagcccca	gactgctcgg	cctctgagat	ggcgatcttc	1020
aactccagct	tcattggggg	ggacgggggt	gggggctgtg	gggttttggt	gggcgtgagg	1080
aagatgtcag	caaagctctc	cagcttggag	cggacggaac	ggaagagcgg	ggccaagccc	1140
cagggactga	ggcgggggcg	taaaaggctg	gacggtggtg	gggtggatgg	gagctccaga	1200
gcaggatctg	gggctgttg	tgggctctcc	agagggtctg	caggcagagc	agatggctgg	1260
aatgggg						1267

<210> 209  
 <211> 2103  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (872)...(2103)  
 <223> similar to gi2072948 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 209

ctaagatgct	tttattttacc	ccagtttaata	ccaccttacg	gaaaataata	tttgctaata	60
ttgtttattg	tgaactagaa	tcaaagtttt	tgtatgcac	aatgcactta	atccttataa	120
caaccttatg	aggtagttct	attccctttt	tatagctaag	gaaattgggg	tacagagaag	180
ttagcccca	ggttatatat	tgcaagtaag	tggcagagca	gggattcata	caaagacctt	240
ctcactcagc	agtcttcact	cttactattc	ctgccactag	gtagaaaaag	aaagatttcg	300
gccgggcaca	gtgggtcacg	cctataattc	ccagcacttt	gggaggctga	ggtgggcgga	360

tcacgaggtc	aggagatgga	gaccatcctg	gctaacacag	tgaaaccccg	tctctactaa	420
aaataaaaaa	taaaaaaaaa	ttagccaggc	gtggtggcgg	gtgcctgtac	gcccagctac	480
tccgggaggct	gaggcgggag	aatggcgtga	accaggagg	aggagcttgc	agtgtgccaa	540
gatcgcacca	ctgcactcca	gcctgggtga	cagagcgaga	ctccatcaaa	aaaaaataaa	600
taaaaaaaaa	ataaaagatt	tcattttatg	tgaggaaatta	ttttaataaa	aaaaagaggg	660
tttatgctct	atagtaataa	aattttaccag	taacacccaa	tcagaaaatt	ttggttcctt	720
agtatttagg	gaagactttt	gtttaaatct	cttatggaat	tttacatgtt	ttgatttaga	780
aaagtagatg	caatataata	tattttcaagt	tttatacata	ttagatgaat	tgcatggtat	840
tttaggcaac	ttaactataa	acaaatttat	tcatagaagc	attgttgcca	acaatttaga	900
tgacctcgat	gaaaaaacac	accaattgac	aaaactggct	caaaaaggaaa	taaaaaatcc	960
aaacagacct	gtaacaagta	aagagattga	accagtaatc	aaaaatctcc	caacaaagaa	1020
agtccaggat	taaatgagtt	tactggcaaa	ctatgccaaa	catataaaga	agaattaaca	1080
ctaatecctt	ttgaactctc	ccaaaaaatg	gaagagaaag	gagcacccctg	tgacattcta	1140
taaggcggac	attaccttaa	caccaaagcc	agacaaagac	ctcacaggga	agctacagac	1200
caatatccct	tatgaatata	gatgcaaaaa	aacttcaaaa	tactagcagg	ccaaatccag	1260
cagcttatta	aaatgatcac	acagcatgac	caagtggagat	ttatcaaaga	aatgcaggga	1320
tggttctaca	tacaaatgtc	aatcgatgta	ataatatacc	atattaatag	aatgaagggg	1380
aaaaaacagc	atgatcacct	caattgataa	gaaaaagcat	ttgacaaaaa	tccaacaccc	1440
tttcatggta	aaaacactct	gcaaactagg	aagaaaaggg	aacttttctta	acctgataaa	1500
gacatccata	aaaaccaca	gctaacaaca	taatagcaaa	acattgaaaa	tttttcccct	1560
aatatcatga	aaattcctga	tttccccact	gctattcaac	attatactag	aaggtctagc	1620
cagagcaatt	aggcaagaaa	aagaaataaa	atgaatccca	aataggaaga	agtaaaacta	1680
catttgcaga	aaacatggtc	ctatatatta	aaaatcctaa	agaatccaca	aatgatttcc	1740
ggctgatttt	aaaaattcag	caatgttgca	ggttgcaaga	tcaacacaca	aaagtctaag	1800
aaaaacctga	ggggaaatta	aaacaatttc	atttacaata	acatgaaaaa	gaataaaaata	1860
cttagaaata	aatttgacca	agaaaagtga	agacttggac	actgaaaagt	acaaaacggt	1920
gctgaaagaa	attaaagaag	acctaaataa	atggaagaca	tcctgtgctg	gcaggttgga	1980
agacttaaca	ttgttaagat	ggcattactc	ccaaaattag	tctatagatt	taataacaatc	2040
cccatataaa	ttccagtgc	ccttttacag	aaactgaaaa	gctgacccta	gaattttatat	2100
ggg						2103

<210> 210

<211> 1627

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1448)...(15)

<223> similar to gi30058 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 210

cttaggagcc	ccccaccgag	ggtggacaca	gtccctttcc	ttcctgcaga	tgccaggca	60
ggaggagggc	ttcctgcctg	tttggcaaa	tcccaggcag	aggccaagga	tgaggcctga	120
ctcggctcct	ccctccacat	cagccagggc	atcagaagtt	gggccagggc	ggggtcttcc	180
ctgctcgatt	ttggacgagg	cctaagtaga	ccccctatgc	cctgccccag	ccctggctct	240
ttcctaacc	cctcaacggt	gggaggaact	ggcagagggg	gcgcctggcc	acagcctccc	300
cgcacttaaa	ggccccttca	gttcttgacc	aaaggtgcta	cgagaacctg	ccgtggaaac	360
ttccagttgt	gcgtctgccc	cactcgctgt	gtttgtccgt	gggttcatac	atgcattggg	420

tgttaggcc	caggctgccg	ggtggcaccc	tttacagttc	ctttgaacag	gggcattgaa	480
ggcctggact	gcctctcgcc	tcagtaggcc	tggggaccag	gcttgggct	ggaggtttgc	540
tgtggaagtc	accaggcctc	ccctcctggc	ccaggtgtgc	tgggggcacc	gtgccccca	600
ccccctgcc	ctcctcaggg	tggtcagccc	aacctgtcgg	accttcaact	cacatcatgg	660
tggggaccga	gatagagagg	gagaccccat	tccaagctcc	ctcttctctc	cgggtgtttgg	720
ggaggatgct	gaagaatcca	ttcccagagg	cctcccggct	tgtcccagcc	cctcttttgc	780
ttctgaccac	ggaggctttc	tcacagccca	gctgcctga	agcaaaggag	gctcccgtgt	840
cctgggcagc	ttctgtttcc	ctctgtctgc	tgggagctga	ggcaccctgt	ccagtggcag	900
aggccacagc	cccagcctta	ggccaggccc	tgggagggca	ggcaggcaaa	ggggagacca	960
gagggtctgt	gttctccagg	agaatgaggg	tgttggctcc	agaattggga	ccggggcccc	1020
gctggccagc	cctgggccac	ttcccgggtc	tccattgtgc	gtgggtggcg	tgttccaggc	1080
gtggctggag	ctggcttctt	ggctgtgtctg	ccatggggcc	ctccctcaaa	agcacgttgg	1140
caggaggccg	atcagaaccc	tagcgccttt	ggtcctaaga	atgggaggct	gccttccttc	1200
ccaatctccc	tgccagggcc	cacagcgtgg	ccctagccct	ccccctcccg	ggatgtagaa	1260
cggggaccct	cgcagggttg	gggcgggggc	tgatactct	cggccccctc	ctaccctgcc	1320
ctgtgtgttg	gctttgtggc	cgtccaagtg	ccaattggct	tttcgccccaa	ataagggctg	1380
gtatttctcc	tctgtctctg	gaggtgattt	ccccctgacc	ccctccccca	ggtgagtgc	1440
cacctggctg	ccagttacag	gtgtttccag	agaccataga	aatgtgtttt	cctgagagtt	1500
cgtgtcattc	gtgacttttt	tgtaaagaag	ttgtgttttc	agaggtgatt	ttatgacagg	1560
aaagtgaag	aattagtttt	gcaaaaaaac	aaaaacaaaa	aaagaggaaa	aaaaaaaaaa	1620
agggggg						1627

```
<210> 211
<211> 1100
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(797)
<223> similar to gi4585574 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

gcaaggccca	gcaggtgttt	gtggacgagg	gccacacggt	gcagtttgtg	tgccgggccc	1020
atggcgaccc	gccgcccgcc	atcctctggc	tctcacccc	aaagcacctg	gtctcagcca	1080
agagcaatgg	gcggctcaca					1100

```

<210> 212
<211> 739
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (9)...(739)
<223> similar to gi5262557 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400>	212					
tcgctgaaga	aaaaccgttt	gaagttttaga	aatgcaggaa	atccttcaac	cagcttgaat	60
cactgaatat	gcatttgaga	aatcacatta	gattgaaacc	ctacgaatgc	agtatatgtg	120
ggaaaacctt	tagtcatagg	tcgtccctgc	ttcaacatca	cagtattcat	actggagaga	180
aaccttacga	atgtattaaa	tgtgggaaga	ccttcagctg	tagttcaaac	cttactgtac	240
atcagagaat	tcatactgga	gaaaagccat	ataaatgtag	tgagtgtggg	aaagctttta	300
gcaaaggctc	gaatcttact	gcccatcaaa	gagtacataa	tgagagagaa	ccaatagtg	360
tggtaagtgt	ggaaaagcct	ttagatcata	tgaatcccta	tacatgtgag	aaatcttaca	420
gaagagaagc	agtgtttatc	acggtaaact	tcattcatag	atcctccctt	atttaacatc	480
agaaaaatgt	atactgggga	aaagttgtat	gaagggtggg	aacatgggag	acttttagca	540
atgatgcaga	tttttttatt	agagtttata	ctgtagagaa	atcatatgaa	gtcaataaat	600
gtgggaaagc	ctttgtcagt	attaatccct	taattgacct	aagtatactc	acactaggaa	660
aaatctgtgt	acctgtagga	gtttgcagga	gattcctatt	gcctatagtc	tttcccacat	720
atgctacatg	tagtcgacg					739

```

<210> 213
<211> 1905
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (506)...(1905)
<223> similar to gi3135968 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400>	213					
gcggccgctg	cttcaggctg	gcgggctcca	gggagacctg	ggtgggcagc	gtcgccgttt	60

ctcctttctt	gggcagttatt	tttcccagcg	ccacgcggag	gctgggccat	tatgagctct	120
gcatttccag	gacctggtca	ctattcagga	cacggttcca	gcgcagtgcg	cgtagccat	180
gtctcagga	tgagtgcacat	tccaagatgt	ggccattgac	ttctccaagg	aagagtgggg	240
attcctgaac	cctgctcaga	gagatttcta	cacaactgtg	atgctggaga	attatcagaa	300
cctggtctgg	ctgggacttt	ccatttctaa	atctgtgatt	tactgttg	agaaaaggaa	360
actgccttgg	ataatggcaa	aagaagagat	aagaggccca	tgccagatg	tgccaggtgc	420
agagattaag	gagttatctg	caaagagggc	tattaatgaa	gtattatcgt	agtttgacac	480
agtataaaa	tgtacaagaa	acgtatgtaa	ggaatgtgga	aatctatact	gccacaatat	540
gcagcttact	ctccataaga	gaaatcatac	acaaaagaaa	tgcaatcagt	gttagattg	600
tgggaaatac	ttcactcgtc	aatcaactct	cattcagcat	caaagaatcc	acacgggaga	660
gagaccctat	aaatgtaacg	aatgtattaa	aaccttcaac	cagagggcac	accttaccta	720
gcatgagaga	attcacactg	gtgagaaacc	ttacaaatgt	aaggaatgca	ggaaaacctt	780
cagccagatg	ctcatctca	cacagcatca	gactacacat	acgagagaaa	agttccatga	840
atgcagttaa	tgtggaaaagg	ccttcagccg	tgtctcagct	cttatagatc	accagcaaat	900
tcatagtgga	gaaaagccgt	atgaatgtaa	ggagtgtgga	agagccttca	ctcaaagtc	960
ccagctcatt	agacatcaga	aaactcattc	tgagaaaaaa	ccctatgagt	gtagtaagtg	1020
taagaaatct	tttgtgcacc	tgtcttccct	gattgaacat	tggaagaattc	acactggaga	1080
aaaaccatat	caatgtaagg	actgcaaaaa	gaccttttgt	cgtgtgatgc	agttcactct	1140
gcacaggaga	attcatactg	gtgaaaaaac	ctatgaatgc	aaggaatgtg	gaaagtcctt	1200
cagcgcctat	tcttctcttg	ttactcagaa	gagaacacac	agtggagaaa	aaccgtataa	1260
atgcaaggaa	tgtggaaaag	ccttcagtgc	gcactcttcc	cttggtactc	ataagagaac	1320
acacagtgga	gagaaaacct	atacatgcca	tgctgtggg	aaggccttta	atacttcctc	1380
cacactttgt	caacataata	gaattcatac	tggtgaaaaa	ccctttcagt	gcagtcaatg	1440
cggaagtcc	tttagtcctt	tagctgcagc	tctcacctta	ctcgacactg	tagaatgtgt	1500
aatggaaaaat	ttagcaaata	acaaaaactc	aaaatgttaa	ttctgattat	tctgtatcat	1560
caccagtact	ttgtactttg	agtcttttta	aatatgctct	gttagtttgt	atggaatgat	1620
atctcatg	acttttaatt	taacttaaaa	atgccttccc	ttgactgttg	atatgtattt	1680
tttgtgaagt	gtgtgttgaa	gccttcgaga	ttatttttta	aattagaggt	ttatcactag	1740
gtatatctcc	taatgctatc	cctccccct	ccccctaagt	taaatgacga	gttaatgggt	1800
cagcacacca	acatggcaca	tgtatacata	tgtatacaaac	ctgcacgttg	tgcatatggt	1860
accttaaaac	ttaaagtata	attaaaaaaa	aaaattagaa	aaaaa		1905

```
<210> 214
<211> 843
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4)...(755)
<223> similar to gil477470 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	214					
ggcaagaata	tgcgatacat	tgccagtcctt	gtcaatgctg	acaaattggc	tggccgaact	60
cgaaataca	aagtgatcctt	cagccctcaa	aagttctatg	cgtgtgagat	ggtgcttgag	120
gaagagggaa	tctatggaga	tgtgagctgt	gatgaatggg	ccttctcttt	gctgcctctt	180
gatgtggatc	tgctgagcat	ggaactacca	gaatttttca	gggattactt	tctggaagga	240
gatcagcggt	ggatcaacac	tgtagctcag	gccttacacc	ttctcagcac	tctctatgga	300
ccctttccaa	actgctatgg	aattggcagg	tgcgccaaaga	tggcatatga	attgtggagg	360

aacctggagg	aggaggagga	tggcgaaacc	aagggccgaa	ggccagagat	tggacatatc	420
tttctcttgg	acagaggtaa	attatgccca	gcgttcctgt	catctttcag	ccctagaaga	480
cacgggaata	tggaaggcgt	ggtggcaaag	ttaaaatcct	aaagttaggg	ctgtgaatcc	540
cagctttgag	gagcgtgggt	ccttggccct	atggaaagta	tcaaagctgc	ccttggacat	600
gctgtgtaga	aggctgggtc	agggagaacc	ttcatgggtca	gggatctctg	tttcagatgt	660
ggactttgtg	acagcacttt	gctcccaagt	ggtttatgag	ggcctagtag	atgacacctt	720
ccgcatcaag	tgtggtaagt	gctatgggtcc	tctgcatctt	ggcaagatgg	acgggtcatc	780
agccttggca	cctgccacgt	ggggcagggg	ttgtgggaga	gacccacacc	ctgaatgaac	840
tgc						843

<210> 215  
 <211> 1033  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(684)  
 <223> similar to gi2662081 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 215		
ggggcgagac	agctctggac atagccagga agaagcacca caaggagtgt gaggagctgc 60	
tggagcaggg	ccaggcgggg acctttgcct tccctctaca tgtggactac tcctgggtaa 120	
tttccacaga	gcctgggtct gacagtgagg aggatgagga agagaagcgc tgcttgctga 180	
agctcccggc	ccagggtcac tggggcagtg ggaggctgga catcagcaac aagacctatg 240	
agactgtcgc	cagcctggga gcagccaccc ctgagggccg agagtgagga ctgtcccccg 300	
cccttgccag	tcaaaaactc ttctcggact ttggtccaag ggtgtgcaag acatgccagt 360	
ggagatcggt	ctgaagtctc cagcctgagt tcagaggccc ctgagacccc tgagagcctg 420	
ggcagtcag	cctcctcctc cagtctgatg agccccctgg aacctgggga tcccagccaa 480	
gccccaccca	actctgaaga gggcctccga gagccccag gcacctccag acccagcctg 540	
acatccggga	ccaccccttc ggagatgtac ctccccgtca gattcagctc cgagagcact 600	
cgctccctatc	ggcggggggc gcggagccct gaagatgggt cctcagccag gcagcctctg 660	
cccaaaagga	acgtgcccgt tggcatcact gaaggagatg gctcaaggac tgggagtctc 720	
ccagcaagtt	ctgtgcaact tttgcaagac tagctccttg ctggccccca catgccccat 780	
gctaggcccc	aatgttcaga gctgggactt gaagctcaca aaactgggga gctgagacat 840	
ttgttctctt	ggaatctcac tctctctgtc cccttgtgcc tctgtaagct ggcccttcttc 900	
ctgccacagg	ccatgcctct accaaggaca catggccttt cccttgggta aggggctgat 960	
gggcgagttc	ttttcctatc tcattacccg ctaggggccc tgggaagccc tgtggctgga 1020	
tctaagtgct	cct	1033

<210> 216  
 <211> 848  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (13)...(850)  
 <223> similar to gi5824110 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 216  
 cttcctgttg cagctgttcc aggagctctg agtccttttg ccattccaaa tgctgctgca 60  
 gcagctgctg cagctgctgc tggccgagtg ggtatgcctg gagtctcagc tgggtggcaat 120  
 acagtcctgt tggttagcaa tttaaatgaa gagatgggta cgccccaaag tctgtttacc 180  
 ctcttcggtg tttatggaga tgtgcagcgt gtgaagattt tatacaataa gaaagacagc 240  
 gctctaatac agatggctga tggaaaccaa tcacaacttg ccatgaatca tcttaatgga 300  
 cagaaaaatgt atggaaaaat tattcgtgtt actctgtcta aacatcagac tgtacagcta 360  
 cctcgagagg gacttgatga tcaagggcta acaaaaagatt ttggtaattc cccattgcat 420  
 cgttttaaga aacctggatc caaaaatttt caaaacattt ttcttccttc tgccaccctt 480  
 cacctatcta atatccctcc atcagtagca gaagaggatc tacgaacact gttcgctaac 540  
 actgggggca ctgtgaaagc atttaagttt tttcagtaag caagcttcct tatctttaaa 600  
 ttagtgacct gataaaattt ttaagtagtt tttgttcttt tcgtttatag aaatttttga 660  
 ttccggaatg gccaaaattc aagtatttaa taagcccttt ctaatttgta tgaagtatct 720  
 aattttataa ttttgtttca gaagagatca caaaatggct cttcttcaga tggcaacagt 780  
 ggaagaagct attcaggcct tgattgatct tcataattat aaccttgagag aaaaccatca 840  
 tctgagag 848

<210> 217  
 <211> 1071  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (5)...(1072)  
 <223> similar to gil020145 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 217  
 tgcattgtga aaagccttca gtgagaagtc acaccttatt gcacatcaga gaactcatac 60  
 tggggagaaa ccttatgatt gttctgaatg tggaaaaggc ttttctcaga aatcatccct 120  
 cattatacat cagagagttc acactgggga aaaaccatat gaatgtagt aatgtgagaa 180  
 agccttctcc cagaaatcac ccttcattat acatcagaga atacatactg gggaaaagcc 240  
 ctatgaatgt agagtgtggg aaagcctttt cccagagtca cagctgatta tacatcacag 300  
 agctcatact ggagagaagc catgtaagtgt tactgaatgt gggaaagcat tctgttttat 360  
 acattaaaga gttcacactg gtgagaaacc ctacaaatgt gctcaatgtg aggaagcctt 420  
 cagcaggaag tcagaactca ttatacatca gataattcat actggggaga aaccgtatga 480  
 atgtacagaa tgtgggaaaa cattctctcg caagtcacaa ctcatcatac atcagagaac 540  
 ccactactgg agagaaaccc tataaatgta ccaaagtgtg aaaatccttc tgttcagcag 600  
 tcacatgctt cattgggaca tcagagaatt cacacgggag aacaacctta tgtatgttct 660  
 gaatgtggaa aagcctttgc taagaagtca caactcattg ttcatcaaag aattcatact 720



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ggaaaagaaac catatgattg tggggcatgc ggaaaagcct tcagtgagaa gtttcatctt 780
gttgtagatc agagaactca tactggggag aaaccttatg attgttctga atgtggaaaa 840
gccttctctc agaaatcgtc ccttattata catcagagag ttcacactgg ggaaaaaccc 900
tatgaatgta gtgaatgcgg gaaagccttc tcccagaaat caccctcat tatacatcag 960
agaatacata ctggggaaaa accctatgaa tgtacagagg gtgggaaggc cttttcccag 1020
aagtcacagc tgattataca ccacagagct catactggag agaagccgta t 1071

```

```

<210> 218
<211> 1083
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1084)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (20)...(1083)
<223> similar to gil389943 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 218
gcataaaaca tcttttagatg actacgccaa gcttggcacg aggcctcgtg ccataatgta 60
tggctgacgac ttgggggctgg aagggcgccct cctccgcggg tatgaacagc acgccaacga 120
tggcaaggat tacatagccc ggaactagga cctgcgctcc tggaccgcgg cggacatggc 180
ggctcagatc accaagcgca agtgggaggc agaagaattt gcagagcaga tcagggccta 240
cctggagggc acgtgctgtg agaggctcgc agacacctgg agaacgggaa ggagacgctg 300
cagctcacgg gtaccaggga acacaagacg cctccctgat cgctgtaga tctcctgggc 360
tggcttcca caaagagaga aggaaaatgg gaccaacact ataatatcg cctccctctg 420
gtcctgaggg agaagaatcc tcttgggttt ccagagagtg actctgaggg tccgccgtgc 480
tctctgacac aattaaggga tgaaatctct gaggaatga agggaagaca atccctggaa 540
tactgatgag tggttccctt tgacactggc agcagccttg ggccccgtga cttttcctct 600
caggccttgt tctctgcttc acactcaatg tgcctggggg tctgagtcca gctcttctga 660
gtccctcagc ctccactcag gtcaggacca gaagtcgctg ttccctcctc agggactaga 720
atthttccacg gaataggaga ttatcccagg tacctctgtc cagggttggtg tctgggttct 780
gtgctccctt ccccaccca aggtgtcctg tccattctca ggatggccac atgcgtgctg 840
ctggagtgtc tcatgagaga tgcaaagtgc ctgaattttc tgactcttcc tgtagaccc 900
ccccgcaag acacatatga tccaccattc cgtctctgac tataaggcca ccctgagctg 960
ctgggccttg gggcttctac cctgtggaga tcacactgaa gctggcagca agatggagan 1020
gaccagaatc gggaaatgga agctttttaa agaccaaggg ctttcagggg atgggaactt 1080
tca 1083

```

```

<210> 219
<211> 920

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<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (238)...(918)  
 <223> similar to gi5917664 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 219  
 ctgacttgcc caaagtgaca cagctgggca gaagtgagat tcaaacctag gccaaaggct 60  
 ccagagtccc agatcttagc tatcttgctg cttaaagtctc ttgaaagcta tttaaacaag 120  
 gactacgata tagcccttgt tctctttcac ctctaccac cctctgactc attcactcca 180  
 ctatagctcc tgaccttcag tctattccct gaaaatgaca agctgggttct cacctcaggg 240  
 tctttgactc cttctccctt ctctttctata tttgttgagt gaatgcggct ccctctgact 300  
 cctaaacctg cacttcccct gcctccaatc accacctcct atgggtgcac cctactgatt 360  
 ttccacttcc cgacctctcc ttccctccct ctgcccagaa cccggctcca ttctcatgca 420  
 taagtcccac cctttgccac taagtctgc ccctaactca aggacagccc atccccaaac 480  
 ccattccaga gctctctcca gccagatcag cccaggggtc ccgagcttcc attcagtgtt 540  
 ccctctagcc cataagcccg actcctgccca ttcatgcagt cagccccgcc ccttactca 600  
 ggctccgccc agatccatta aggccacct cttccctcag ggctccctg aaccctcag 660  
 ggaccagctc cctcaaattc cgccccagat ctatttaacc cagcaccag gaccctcagg 720  
 gttccaccta aatcgattaa ggttcagcct cagaccact aaaccctcc cagcatccac 780  
 ttaggtcctg cctccatcac accagacccc gccccctgat ctacaaagcc ccgcccattc 840  
 ccacaggccg catcctccct gggcccagac ccaggacccc agcttcgtcc accaccctca 900  
 ccgtaggtct cagccatgac 920

<210> 220  
 <211> 411  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (5)...(283)  
 <223> similar to gi3002527 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 220  
 tttttttttt ttcttgagat ggagctttgc tgttggtgcc caggctgtta gtgcaatggc 60  
 acaatctcag ctactgcct tttgggttca agcaattctc ctgcctcagc ctcccagggtg 120  
 gctgggactg caggcgcccg ccaactacgcc cggctgattt tttgtatttt tgggtggagac 180  
 ggggtttcgc cgtgttcgcc aggatggtct ccactctctg acctcgtgat ctgcctgcct 240  
 cagcctccca gtgctgggat tacaggcgtg agccaccgcg cctggccaaa atatataacc 300  
 ttaagtgtca tcaatactct ggctgaccat catcatcgtg ggactgactt tgggtggaagt 360  
 ccttggttac atgtcattat tgcatttccg acaagttata aagttgtcat t 411

<210> 221  
 <211> 2058  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (72)...(2034)  
 <223> similar to gi5305335 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

00408723 "012100

<400> 221  
 gtgaaaggag cctccacggc tgtcctcagg caagggtggag ggggtgtggcg ggtgctgttg 60  
 ggggtgctcct acccgctcag cccagcctt gatgagggac tgcctcgtac agcttcgggg 120  
 gacctccgca gtttccctga cccggtgctg cccctgaacg tgcctcacag gtccggcagg 180  
 ttcggctatt ccaggacgag gagatctaca gcgacctgta cctgaccgta tgcgagtggc 240  
 ccagcgacgc ctccaaggtc atcgtcttcg gcttcaacac ccgctcggcc aacgggatgc 300  
 tcatgaacat gatgatgatg agtgacgaga accaccgtga catctacgtc agcaccgtgg 360  
 ccgtgccacc gccaggccgc tgtgctgctt gccaggatgc cagccgagcc caccaggag 420  
 acccgaatgc acagtgccta cggcatggct tcatgctgca caccaagtac caggtggctct 480  
 accccttccc caccttccag cccgccttcc agctcaagaa ggaccagggtg gtgctgctca 540  
 acaccagcta ctccctggtg gctgcgccg tctccgtcca ctcggcagggt gacaggagtt 600  
 tctgccaaat cctgtatgac cacagcacct gccccctggc gctgccagc cccctgagc 660  
 cccagagccc agagctgccc cctgccctcc ccagcttctg cctgaggcg gccccagccc 720  
 gttcttctgg gtctcctgag cctcgcgccg ccattgccaa agccaaggag tttgtggctg 780  
 acatcttccg ccgggccaaa gaggccaagg gcggggtccc tgaggaagcc cggcctgccc 840  
 tgtgccagg accctctggc agccgctgcc gtgcgcactc tgagccccta gccctgtgtg 900  
 gagagacggc accccgggac agccccctg cctcggaggc acctgcctcc gaggctggct 960  
 atgtcaacta caccaagctg tactatgtgc tggagtccgg agaggggacg gagccggagg 1020  
 atgagttgga ggacgacaag atctccctgc ccttcgtggg gactgatctt cgtggccgca 1080  
 acctgcggcc catgcgggag cggactgctg tccagggcca gtacctgaca gtggagcagc 1140  
 tcacactaga cttcgaatat gttatcaatg aggtcatccg ccacgacgct acctggggcc 1200  
 atcagttctg ttctttcagc gactatgaca tcgtcattct ggaggtctgc ccagaaacca 1260  
 accaggtcct catcaacatt ggctgctgc tcctggcctt cccgtccccc actgaggagg 1320  
 gccagctccg accaaagacc tatcacacca gcctcaagggt ggcatgggac ctcaacacag 1380  
 ggatcttcga gacagtcagt gtaggcgacc tgactgagggt caaagggcag accagcggca 1440  
 gtgtctggag ctccctaccgc aagagctgcg tggacatggc catgaagtgg ctggtgcccg 1500  
 agagcagcgg ccgctacgtc aacaggatga ccaatgaggc gctgcacaaa ggggtgctccc 1560  
 tgaaggttct ggcggacagc gagcgatata cgtggatcgt gctgtgaggg ccaggccgcc 1620  
 ccggacactg actccaacta cctccgtggc ctgggaccgg ccgccttccct ggggtggcct 1680  
 ctccctggcc ggctggccca ccgactgatg accggcacta gtgttagcct gcggaacggg 1740  
 gctgggcagg gcacgcctct gatggcctga gggctctggac gctttttatt tatgcctata 1800  
 taagttagga aggggcagag agaggggcgc cccctgcccc accagcttga gtgccccgcc 1860  
 ttcacccga gctgggcctg ggctggccc ctctgctgatt tgcccccttt ctcggtaca 1920  
 gctgtggacg ttgccctcgg ggaggtcgaa tggaccccat tccccctgcc ctgcccgcc 1980  
 ccagcctccc cacaccaggc cggcaacctg gccatcccca ttccgttctt cttcatgtaa 2040  
 taaatgtttt aatttctg 2058

<210> 222  
 <211> 2109  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (96)...(1707)  
 <223> similar to gi65234 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 222

gcaatggtga	agccattggg	cgggatcgcc	gggggcgcag	ggcccggagg	aacaacagtg	60
gagaagcagg	cggggcagcc	acacaggagc	tcttctgctc	agcctgtgac	cagctctttc	120
tctcacccca	ccagctacag	cagcacctgc	ggagtcaccg	ggagggcgctc	tttaagtgcc	180
ccctgtgcag	tcgtgtcttc	cctagccctt	ccagtctgga	ccagcacctt	ggagaccata	240
gcagcgagtc	acacttcctg	tgtgtagact	gtggcctggc	cttcggcaca	gaggccctcc	300
tcctggccca	ccggcgagcc	cacaccccca	atcctctgca	ttcatgtcca	tgtgggaaga	360
cctttgtcaa	ccttaccaag	ttcctttatc	accggcgctac	tcatggggta	gggggtgtcc	420
ctctgcccac	aacaccagtc	ccaccagagg	aacctgtcat	tggtttccct	gagccagccc	480
cagcagagac	tggagagcca	gaggccccctg	agccccctgt	gtctgaggag	acctcagcag	540
ggcccgcgtgc	cccaggcacc	taccgctgcc	tcctgtgcag	ccgtgaattt	ggaaaggcct	600
tgcagctgac	ccggcaccaa	cgttttgtgc	atcggtctga	gcggcgccat	aaatgcagca	660
tttgtggcaa	gatgttcaag	aagaagtctc	acgtgcgtaa	ccacctgcgc	acacacacag	720
gggagcggcc	cttccccctgc	cctgactgct	ccaagccctt	caactcacct	gccaacctgg	780
cccgccaccg	gtcacacac	acaggagagc	ggccctaccg	gtgtggggac	tgtggcaagg	840
ctttcacgca	aagctccaca	ctgaggcagc	accgcttggg	gcatgcccag	cacttcccct	900
accgctgcca	ggaatgtggg	gtgcgttttc	accgtcctta	ccgctgctc	atgcaccgct	960
accatcacac	aggtgaatac	ccctacaagt	gtcgcgagtg	cccccgctcc	ttcttgctgc	1020
gtcggctgct	ggaggtgcac	cagctcgtgg	tccatgccgg	gcgccagccc	caccgctgcc	1080
catcctgtgg	ggctgccttc	ccctcctcac	tgcggctccg	ggagcaccgc	tgtgcagccg	1140
ctgctgcccc	ggccccacgg	cgctttgagt	gtggcacctg	tggcaagaaa	gtgggctcag	1200
ctgctcgact	gcaggcacac	gaggcggccc	atgcagctgc	tgggcctgga	gaggtcctgg	1260
ctaaggagcc	ccctgcccct	cgagccccac	gggccactcg	tgcaccagtt	gcctctccag	1320
cagcccttgg	aagcactgct	acagcatccc	ctgcggcccc	tgcccgcgcg	cggggtctag	1380
agtgcagcga	gtgcaagaag	ctgttcagca	cagagacgtc	actgcaggtg	caccggcgca	1440
tccacacagg	tgagcggcca	tacccatgtc	cagactgtgg	caaagcgttc	cgtcagagta	1500
cccacctgaa	agaccaccgg	cgcttgccca	caggtgagcg	gccctttgcc	tgtgaagtgt	1560
gtggcaaggc	ctttgccatc	tccatgcgcc	tggcagaaca	tcgccgcata	cacacaggcg	1620
aacgacccta	ctcctgccct	gactgtggca	agagctaccg	ctccttctcc	aacctctgga	1680
agcaccgcaa	gacccatcag	cagcagcatc	aggcagctgt	gcggcagcag	ctggcagagg	1740
cggaggtctgc	cgttgccctg	gccgtcatgg	agactgctgt	ggagggcgcta	cccctggtgg	1800
aagccattga	gatctaccct	ctggccgagg	ctgagggggg	ccagatcagt	ggctgactct	1860
gcccgaacttc	ctctttggca	cctccattcc	ctgttgctga	aggccctcca	gcatccccct	1920
aagcatctgt	acatactgtg	tcccttcctc	ttccatccc	caccaccttg	taagttctaa	1980
attggattta	ttctctcgtg	aggggggtgc	tctgggggtcc	ttgacacaca	taaaggtgcc	2040
ccccacctt	ccacctctta	gcactggtga	ccccaaaaat	gaaaccatca	ataaagactg	2100
agttgccaa						2109

<210> 223  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> similar to gi3002527 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 223  
 tttttttttt ttaagatggg gtctcgtctt gtcacccagg ctggagtgcg gtggtgtgat 60  
 gtcagctcac tgcaagctcc gcctcccagg ttcacactat tctgcctcag cctcccaagt 120  
 agctgggact acaggtgcgt gccaccatgc ccggctaatt tttttgtatt tttagtagag 180  
 acgggggttt accgtgttag ccagtatggg cttgatctcc tgacctcgtg atccacctgc 240  
 ctcggcctcc caaaagtgcg gggattacag gtgtgagctg ctgcgcctgg cttatgagtc 300  
 gtatgttctg atcctccctc ttgaagttgc cttctgtggg ctaaggaggg cctgaagggt 360  
 caggtaaaaa cttcagggtg accttcactg ggggtg 396

<210> 224  
 <211> 2187  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1147)...(1901)  
 <223> similar to gi2981463 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 224  
 gtggtggaat tcccggccac ggtggaacac ccatgtaccc atccctccgc cccacatggt 60  
 gttgggggct ctctcaccag aaagtgcgac caacacaccc aggccccaac agagccccc 120  
 tggccacacg tcccagtcag cgctcagcct gggagcacag agcactgtgc tggactgtgg 180  
 gccacggctg cctgtagaag tggggccatc tctgtcctcc ccagctcggg gctgcgggga 240  
 ggggagcatc agcgtggggg agaacgtgtc agacgtggct cccacccaac catggtggcc 300  
 caacaccccc ggagacagtg tctctgaaga actaggtcag agtagggtgg ctggtggtca 360  
 ggagtgggac tgtgggacgc acagagcctg ggaggtaggc gggcagtggg gttggtggca 420  
 tgtgaagttc ccctcaggcc tcctcgtcag ccaggacctg ggctgctgtg ggggacatgg 480  
 gaggggctgc ttgagccagg gccggctcgg ctccgtaccc gccacaggca ctcgccctg 540  
 atgccctcgt gtccacttgt gtccacacag gccctgggag gagcggggac gctgaggacc 600  
 tctctccaaa ttggcctctc aactcacagg aagacacagc tgcccagagc agcccaggcc 660  
 gtggtgagga ggcggaggca tcggcggcgg aggctcaggg tggggagcag gcctacctgg 720  
 caggcctggc agggcagtac cacttgagc ggtacccgga cagttacgag tccatgtgtg 780  
 agtgcagcag ttgctgctgg caggagagccc tgggctggct gggtccagc acgtgctcca 840

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cctcctgtgg gttggggcg agccctgggc tagccagttc ccagcacgtg ctccatctcc 900
tgtggatggg ggcggagccc tgggctggcc ggttcccagc acgtgcgtgc tccatctccc 960
gcagccgagc cgccattgct tcatcttttg cgccccgtgc ttccccgggc ctctgccttc 1020
cccgtggacc ccaggtcca gtctgccgct gatgagactg ctgtgcagct gacgagttg 1080
ctgacgctgc ccgtgctcat gaagcgctcc atcacggcac cgctggccgc ccacatctcc 1140
ttggtgaaca aggcgctgt cgactacttc ttcgtggagc tgcaacctgga ggcgactat 1200
gaggcactgc ggcacttcct gctgatggag gacggcgagt tcgcccagtc cctcagcgac 1260
ctgctctttg agaagcttg agctgggcaa acgcccggag agctgctcaa cccgctggtg 1320
ctgaactctg tgctgagcaa ggccctgcag tgcagcctgc atggggacac cccgcacgcc 1380
tccaacctct cctcgtctct caagtacctg cccgaggtgt ttgcccccaa cgccccggat 1440
gtgctgagct ggccctggagc tcaggtacaa ggtggactgg cctctcaaca ttgtcatcac 1500
cgagggctgc ctgagcaagt acagcgcgct cttctccttc ctgctgcagc tgaagctcat 1560
gatgtgggcg ctcaaggacg tctgcttcca cctcaagcgc acagccctgc tgagccacat 1620
ggccggctct gtgcagttcc gtcagctgca gctgttcaag cacgagatgc agcatttcgt 1680
gaaggtcatc cagggtcaca tcgccaaacca gatcctgcac gtcacctggt gcgagttcag 1740
ggccagggtg gccaccgtgg gcgacctgga ggagatccag cgtgcgcacg cagagtacct 1800
gcacaaggcc gtcttcaggg gctgctcac ggagaaggcg gcgcccgtca tgaacgtcat 1860
ccacagcatc ttcagcctcg tctcaagtt ccgcagccag ctcatctccc aggcctgggg 1920
gccccctggg ggcccgcggg gtgcagagca ccccaacttt gcactcatgc agcagtccta 1980
caacaccttc aagtactact cccactttct cttcaaagtg gtgaccaagc tgggtgaaccg 2040
cggctaccag cccacactgg aggactttct gctgcgcac aacttcaaca actactacca 2100
ggacgcctga ggctgctctg cgggggacgt gcacaataaa ggtgttctca aaaaaaacgc 2160
ggccgcgtcg accgcggccg cgctcgac

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<210> 225
<211> 1424
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1257)...(70)
<223> similar to gi4519617 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 225
tttttttttt ttgtgcttgt tttattggaa gcaagactcc cagccagctg cagggctcag 60
gggaggaggc ctggagagtt cagtccctgg tctccctctg ggccagcagg gggaaaagg 120
gtgttaaaag agctagaacc ctgagagatg ctccctctgaa gcaggggaaa gaaaactaga 180
aaggaaaact gtcccagggc ggggagcgga atagggcccc cacatctcag actctcctac 240
cctcaagcag ttaattctca cccctgcct tccctctgca acggtggggg tgattccaat 300
aactcttctc agcttccata cttcaggtgc tcttcgtgaa tgctgggtgg ctttaaccct 360
tggggggtccc aaacaagttt ccagaatccc actgtccacc attctcccc aaagaaggtc 420
ccagaaaagg tgaagttccg tgtcttcacg caacacgggc ataagcagca attatcgac 480
gaagtttccc taggggtggtc ggggatcctc tctgccaact cctggggccc ctctcttgtc 540
gccttaaggc ccatgctacc tgtcttgagg agctgtgtcc aggttggtgg ctccggagga 600
ccgaggagtg aaaggctgga ggtacatctg aagggtggagg cgctggcgga agatcctgcc 660
ggactaggtg gccacagtc cggagtttca ggccgtctga tctcgtccg caaccctgg 720
ctcgggttgc gatcgcttcg cggagccttc tccagctgcg ggttccccta ggctcctctt 780
ggacgctggc gcggctggcg gggacgagg accaggatgg ggattcgggg gctggtagcc 840

```

```

gggctgtcgc ggatccagcg cgtccttggg aagtaggatg gcgaggccgg gcacgttctt 900
aagtacgctg agactagcgg ccggctcgcc aggcgtctga ccctgcgtgg gcccaggcgg 960
gaggctctgc cacacctcgc gtacgctccg gtagcgcagc cgcgtgacct ggtgcaggcc 1020
cgccaggcgg cgcttgagga tctcggcgca cgtgacggtt ttggtggtgg cccggccgca 1080
gccgctgaag acgatggcgc gcgtggctgg ctgcgccatg ctggcggtgg cgaaggccat 1140
caggttccgg atcttgctgc ctcccttgac ccgcatgtgc accgcgcccg gcgccaggtc 1200
tgcgaacggg gccggagccc gggccgcctc cctcggcccc gcatccccgt ggcgcctctt 1260
cggagcgcac ttacggaagt tctccatgcg ccgctcgatcg cgggaccgcc ggtttgccat 1320
ggggcggcct cagccccggg gctgcatggc cgccggtcgc gccttgcaag ggccagcagg 1380
ggtaagggcg ccggagcagc gcagacgccg gcgggcgggc tggg 1424

```

```

<210> 226
<211> 605
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (107)...(530)
<223> similar to gi5360708 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 226
ggcacgaggg tggagggagg aaatagtaaa tgagcttctt atgcttcctg catatctgat 60
ttcatcctct tccattccct ccttccttat tttttcttct tgctagattt ctaacgaccc 120
aagtccagga tacaacattg aacagatggc aaagcgaggc aagaagctgg ttgagctgcc 180
atacactgta aaggggatgg acgtctcatt ctccaggatc ctgtctttca ttgaggatgt 240
agcccatcgg atgctggcca caggcgagtg tactcctgag gatctgtgtt tctccctgca 300
ggtaatgcag taaaaaactg ggacagaaaag ttggggctga aggttttata ttgtagagca 360
gaactaatct ggggatgccc ctctaataatt ttctccttat ctgtccctga caggaaaactg 420
tggttttgca atgctggtag agatcacaga gcgagccatg gcacattggt ggggtccccag 480
gagggccctc attgtgggga ggagttgggg tgtatgtatt attggaaagt gttcctcttt 540
cctattctta acactatgcg tcttcctcct ggtactctaa atcattaagc gtttgagagta 600
ggctt 605

```

```

<210> 227
<211> 822
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(824)
<223> similar to gill196433 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 227
ctcaatattg ttaatatgta attctcccta aattgatcta cagattcaat ataatcccaa 60
ttgaaatcca agcaagcttt ttttaaaaat agaaattaac aatctgattg taaaatgtat 120
gtgaaaacac aaaagaccta tgaacaaagt tggataactt acactgtgca atttcaatac 180
ttaactaaaa agctacaata atcaagacat ggaatcggcc aacatacaat catatagtcc 240
agtgggagag catatggaaa gtctacatat agacacatat ggtcaattga ttgttggcac 300
aagtgccaaag ataattctat gggaaaggac aatcttttca actaatcata ctgggactat 360
tggatatcca tatagaagaa aagaacctca aaccttattt cacctataca caagattgaa 420
tccaatggat cataaaccta aatgtaaaca gtaaagcttt gtttagaaga aaacaaagaa 480
aaactcttca tgactgtggg ttaggcaaca gttttgtaga ggagacacag aaagcactaa 540
ccaactggat attatcaaac ttcaaatttt tgctcctcaa aatacaccac taagaaacta 600
aaaaggtaag ccacagactg gggaaaaata cctacactat ttgcaaaaaa taataatgac 660
aaaatatgtg aacatacaca taataaaaga agatacatgt ttggccaaat gcatgtgaaa 720
tggtggtcaa catcattagt catcagagaa atgcaaatta aagtacaatt gtatgcctcc 780
tagtagaatg gtgaaaatta gaaagactga tgattccagg tg 822

```

```

<210> 228
<211> 1027
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(927)
<223> similar to gill118097 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 228
tccagtctgt ggaggactca aggtaaaccc cctccttga gagccgcaaa tcccgcctcg 60
cggctgcaaa ggggctgaat ttgccccag atgggagagg aagtggcgcc agcctccttg 120
cagactgggtg ctctgtgttc tgtgggaggg accgggggtc tcccggagag gggagctgga 180
gggcgcgccc tgtggctgcc accggaggaa ggggctgact tggggaggtg agttctggaa 240
ggcaggggct ctgggtctgg caggtcgggg tcaccagagc cccaatgccc agctgcttca 300
ctccgtgtcc cccacccctg aggatcaggt gagtgtgca cctctgttg ctcgtgcctt 360
gcaactgggt gccaaagggt ggaggccctg ccgtggcct tgcctcctt gggcctcacg 420
cccccttcgg ggggtggcgg ttctcccat cacctctctg gggcagtcac accacctgtt 480
aagcatcaag ctaccacaga ggctccggcc acctgggctc caccagccca gcccccttg 540
gctccgtgtg cgctgggcct catccccat tatgggagga aactgaagct caggaggctg 600
tgtggcttgc ggggtctctg ggttctgggc ccactgttc ccagtgaag ccttgtggg 660
aaggttccgg gagcaggtgg tgcctcaga gcagcctgc ctgctgacc cactgggaga 720
ggcgccgtgc ctggggcccc tgggtgggag tctgctggct cctgtctgaa cctcctcgca 780
gggcaaagg ctggcttggc ctgtgtttcc cctggcccag gcctcagccc ctgctcgga 840
ggtggggctg tgttgggccc attgtccccc gccctgggtg gcttccctct gcacagcctg 900
gagcctgccc tgaccacagc ccagcagctc cctgtgaaca cctctttgtc ccttcaactgt 960
cagctgtttc taaaccacaga cactgtttgt aatagactgg aaataaaatg ttctttcctt 1020
aaaaaaa 1027

```



<210> 229  
 <211> 1419  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(1411)  
 <223> similar to gi298642 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 229  
 tgggctccct ggattccaaa gctggaagtg accctggaga ccacttcacc tgttccctgg 60  
 cacctggagt tgcagggaca caccctgact gcagggcaaa gggagccggc cgggcatccc 120  
 tcaagaccca ggggcttggg cagcccctgc ccgagtggac acatccactc ccaggcctgc 180  
 aggagatggg gaggttccag gcgcccagga catccgcttt ggccactgag gccgattcct 240  
 tagcaaatcg gttctggttt ctctcatttc tataaaaaaca ccaagactga aggaagccac 300  
 ggtgtgtttt aataaaacag tgtctcccag ttaagtgggt ggacaaacag gaaccaccgg 360  
 gtggatggtc ggccgtgccc acccgctca ggctaacctc gaggacgctg gtctgattgt 420  
 ccctgtgtct ctccctgggca gttctgcctg gtgtctaacc gtgggcctcc ctgctttggt 480  
 cagccctccc ccacgtagg gtctggagag gcccctggtg tttgtcacc acagggctcc 540  
 cttcagctct gcaatccggc gacaaagcca caaccacaga cggctctccg gacccacagg 600  
 cccagctgg tgggtgggtg tggctggccc cgggctcagc tgggtgtgcc tggcctgcag 660  
 agctgggcac agatggctgt tctgaagggtc ggggtgtgtc gggccccttg ctgtcccctc 720  
 ggcttctaca cctgaagccg cccctgatga ggggtccttc cctggggcct ctccagactc 780  
 acggggctgg gtaggggggt cagacctggg ctccagaggat ggcacctcac atcaaaggga 840  
 ccacacttga caaccagacc cttccctccc cgtgggggtt cgagggtctg attccccaca 900  
 agccataatc gcaaaaggct gggtttgct cctccgagca gccccttgaa cacgggcagt 960  
 gtgtccccct cctcaagagg gtgcacacgg tgatggccgg gccaggccct agcagcagca 1020  
 ggagttcctg ctgggacgag ggaggggtct ttgggtgagc ctggggagcc tcaactgtta 1080  
 gcagtogaat cctctttcta ataaaatctc acatggaccc aacacaggag acaggagggc 1140  
 tgtgtctgact agtgtggcgg ggccgcccgc tgtgccccca tgtccgatct cagccacagg 1200  
 ggtccccctt ttcctagtta gccctcaggc agcagcccct tttggcccc atgattcacc 1260  
 aagcagcagg gccagggtc aggctgtctc ggagcccccg gagtgttga gctctcctgg 1320  
 aagccctgcc cgtcctgccc gtccctgccc tcagagccgc aggaggccgc gccagcaggt 1380  
 gagggccacg tgccgcaggt gcaggaccgg acgcgtggg 1419

<210> 230  
 <211> 916  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(893)  
 <223> similar to gi2317934 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 230
ttaatccctc tactccaaga aggctacctc atctcaaact cttgaaggca gtggaggaag      60
gttcagcatt acttagcatt tgggaccttc acagccagct gcagggactt ggtggggctc     120
ccagagcttt cctcccccca ccagctgaaa cccaccctgc cacacctgcc cagaaattga     180
gttactgaca attcctgtac caaaaagga gagcccttta caagagaaaag acagacatgg     240
agctgatgag gccacgagct ccgccttcct cttctcggtc tgggcctgac tcctgccagg     300
ctttccaagg gaacagtggg tcctgtatcc caaggttggt ccctgggcac tccaagggca     360
ctggacctgt ccgggcctcc ttggtgtaga gggatctcta gccactctgg tgtgccccag     420
gctctccatc cgggagacca aaggtcttag ggtaattcct gcctccggt ctattccatg     480
gggacctgtg tgctctgcaa agcctcgtga gctgaaacct taggtcccag ggatccaaca     540
gaccgagtct cccattccag gatgagagtc cccttgacgc atgttcactc ttctggggac     600
cgtgcgccgc cgacccccgg ccctgggcgt tctatgacca ccctgtgag cacagggtc     660
tggaacagccc aggtctcaat cccgagtgtc gccaggcccc ggggccggga gcatcctgag     720
tttggcccac ggagaccccc acaagagcac cgagctctca attccagaaa cccagcgctc     780
caggcctccc attcccaggg tctccgtgta ccgaggcctc cctgccccga ggtctccggg     840
cccctgccga ggaccccagc cccgctcccc cccctgctca ccatgacgcc agcggacagg     900
cccagcggcg actccg
916

```

```

<210> 231
<211> 1106
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (100)...(971)
<223> similar to gi995557 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 231
tttttttttt ttttgctcat gaagtggaca tgtccagcct ttattagata aagccactgg      60
gcccatctga ccaggcgagc tcagctgtaa acaagctcgc cagttagagg aaggggccctc     120
aacagagcat gaccccgcaa gcctagggac tccgacatgc tgttggggct gctccccatg     180
ggtgtctcaa ctaggtaggt aaggggttgg ggtctctgca ggaccccccc gtctgggggt     240
gctccccctt ctttctacc acagtgtgat gtttcatccg cagcccagtg gacatcgagg     300
gggtccccca agcctgcagg tccttgggcc aaggcagtgg cctcgtcccc ctgaaaacgc     360
gggtcgggtg gtttcaacaa aacctgcact catctttccc tcctcagcgc cttcccttct     420
ccagccccca caagcccagg aactctgaca atgatgctga cacgggggtc actaactgga     480
agagcagtga acaggagctg ggggctcttg ggggccatct gagctgagga cagctggctg     540
tacctccgag gccacaggca cccccaccca cccctgcgcc tgcagggaat gtgcagaatc     600
tgccagagcg gaggccagag cccgcaggca gccacggctg ttagaggaag cagatgcagc     660
ctcaccaccag cccacgtctg tcaccacagc cagggccttg caggcaatgg caccgcgcga     720
gctttgggaa agaacacttg gcctcccaaa gggttctgcc acccctgggg gccgctacag     780
ccaccaaccc tgggggtcttt ccatcacttc agacactgag cagaacccag agagggttag     840
tgagctgcag gtagggctgg gacggggccc caggttccag cccagggtct cagagatcca     900

```



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(940)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (5)...(464)

<223> similar to gi473935 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 233

ggtaaattac	aacctcctca	agtatatattg	cagattcttg	gatgaagtac	agtcctactc	60
gggagttaac	aaaatgagtg	tgcagaactt	ggcaacggtc	tttggtccta	atatcctgcg	120
ccccaagtg	gaagatcctt	tgactatcat	ggagggcact	gtggtggtcc	agcagttgat	180
gtcagtgatg	attagcaaac	atgattgcct	ctttcccaa	gatgcagaac	tacaaagcaa	240
gccccaaagat	ggagtgaagca	acaacaatga	aattcagaag	aaagccacca	tggggcaggt	300
tacagaacaa	ggagaacaat	aacaccaagg	acagccctag	taggcagtgc	tcctgggaca	360
agtctgagtc	accccgagaga	agcagcatga	acaatggatc	ccccacagct	ctatcaggca	420
gcaaaaccaa	cagcccaaag	aacagtgttc	acaagctaga	tgtgtctaga	agccccctc	480
tcatggtcaa	aaagaaccca	gcctttaata	agggtagtg	gatagttacc	aatgggtcct	540
tcagcagcag	taatgcagaa	ggtcttgaga	aaacccaaac	cacccccaat	gggagcctac	600
aggccagaag	gagctcttca	ctgaaggtat	ctggtacca	aatgggcacg	cacagtgtac	660
agaatggaac	ggtgcgcag	ggcattttga	acagcgacac	actcggaac	cccacaaatg	720
ttcgaaacat	gagctggctg	ccaaatggct	atgtgacct	gagggataac	aagcagaaag	780
aacaagctgg	agagttaggc	cagcacaca	gactgtccac	ctatgataat	gtccatcaac	840
agttctccat	gatgaacctt	gatgacaagc	aganatttga	cagtgtctacc	tgggtccactt	900
cctcctgtga	aatctccctc	cctgagactc	cactcctgt			939

<210> 234

<211> 896

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (23)...(897)

<223> similar to gi4960163 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 234

aacagtgaga	tcacacctta	ttgaaacatc	acacggcagc	atcagggctc	ccacacctca	60
cagggcagca	ggcagttcac	aggacagcag	gcagttcaca	gggctttggg	ggcctcacag	120
ggcagcaggt	ggttcacagg	gcttcggggg	gcctcacagg	gcttcggggg	gcctcacagg	180
gctgcagggg	gttcacagag	cttcaggggc	ctcacagagc	ttcaggggcc	tcacaggact	240

```
gcaggggggc tcacagggcc ctgtatgcag ggctgctggt acaaagaaga ggcccagaga 300
accctaacac agcctggggc cccggggaag tcagggcttc cagcagggca ggtacagagg 360
cccctaggac ttggcaggag cctcagcctt ggggacagtc ccacggaaga cgctgcatcc 420
gggctcttta gcagaggcct ctacccgtcc tggtcagagg agccctcaga cagttttggg 480
aaagccagac tggggtgtcg atgccgcagt gaggactcgt cctccaagtc tgagccctgc 540
tgggctgagg tgctctggaa gtctgcgtat gcatccctgg ggacgtccag cagctcctcc 600
tcgtactccg tctggtagtc agattcgtct ggcaccgagg gtagggctgc gtcagtcccc 660
tccaaggaa gggaccgtac ccagcatagc cactctcaga ggagaaccg gccacagatg 720
cccacccccg cctccaaggt ggcccggggc cctacacgca gccacctggt cccagggcag 780
ccctgcacac caccctggt tctgtctggc tccagctttg cccagcaca tcacttcgtg 840
ggtcttcac aaggacaagg agcgggcaga cactcctccc cttgtcagcc aagcac 896
```

```
<210> 235
<211> 623
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (12)...(460)
<223> similar to gi3192950 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 235
agttctcgag cgccccctccc aggagctccc ctctcagtc caggtttag cagcgggtggc 60
tgctcccagc agcaccttct ctgttcgtgc caagcagacc taccataact gtgcactgcc 120
caggtcccgg gcctcctccg agagtgaatt ggatgatgaa ggcccctgtg gtggtgatgg 180
ggaccaggc ctgttcccct tccccatgcc ccggggtggg acccaggcct ccagcgaaga 240
gagtgaggag gaggggacat ctgacgacct ccacccaccc cctgactgcc attatgcaac 300
ccggccccca cgccacagg cgttctgcac ctttgggagc cggctggtga gcccaggatg 360
ctatgtgttt agccgccggc tggaccggtt ctgctcagca ctcagctcca tgctggaacg 420
gcacctcagc acacacatgt ggaagaagat cccaccggca gctgaacctc cagctcacct 480
tgtcaactcc ccgttatctg ctcccctgag ccccatcctc tacaggcacc tgcccccgcc 540
ttccagggtcc aaccatgaga cctgcctgcc cagcctccat gccccctgt attgcggccg 600
ctctagagaa tccaaactgt cgt 623
```

```
<210> 236
<211> 529
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (4)...(298)
<223> similar to gi2224583 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```

<400> 236
gcacgaggcg acttctccct caccctgcgg cgtcatcact gtcacgcctg tggcaagatc    60
gtgtgccgga actgttcgcg gaacaagtac ccgctgaagt acctgaagga caggatggcc    120
aaggtctgcg acggtctgctt cggggagctg aagaagcggg gcagggtgt cccgggcctg    180
atgagagagc ggctgtgag catgagcttc ccgctgtctt caccocgctt ctcgggcagt    240
gccttttcat ccgtcttcca gagcattaac ccctcgacct tcaagaagca gaagaaagtc    300
ccttcagccc tgacagaggt aaagcaggca gggctaccca agtgggaagt agggcatttg    360
gaaggttcat ggtcatcctg ggtagacgga gtcagaccct gccctgtccc agcctgacca    420
gtctcttcca gacagagcat tcctaattga agcatcccag ctacgaggac cgacttgaca    480
gtgatggtgc taggcgacat ctttcccatc cttctctcta actcttccc    529

```

```

<210> 237
<211> 356
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4)...(349)
<223> similar to gi2065210 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 237
cgtgctgtac cagatgtggt ttcatgtctt gagcaaatta acacacctct tgggtacttg    60
tatgcagcca ttgccttggc aaataacttt ttccccattc ctgtccataa ggcccaccag    120
aagcattttg ccttccgttg gcaaggccgg caatacactt ttactgtcat acctcagggg    180
taggacagta aactctccgg ctttaggtca taatcttatt gggaaagacc ttgatcgctt    240
ttcgtttcca caagatatca cactgggtcca ttagtttaat gacattatgc tgattggatc    300
cagtgagcaa gaagtagcaa acacgctgga cttattggtg agacatttct cgtgcc    356

```

```

<210> 238
<211> 364
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(365)
<223> n = a,t,c or g

<220>
<221> misc_feature

```

**06070**

```
<210> 239
<211> 1021
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(980)
<223> similar to gi56589 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

a

<210> 240  
 <211> 366  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (138)...(368)  
 <223> similar to gi924 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 240  
 ggcacgagga gttctagtcc ataccctggg tggtagggcc ttctttatct acttctaaga 60  
 agcaccacaca gggacacatg caccgcgaaa gtggccaaaa gaagggttc gacacttcat 120  
 ctgttttctt tccttcagta cccaccgaa agaagaacct tccgtctaca acatttctgc 180  
 ctaaagaaac taccactttg aaaagccctt cctctggctt gctaggaagc tcattggaga 240  
 ccctaacttg gaatttggtg ccatgcctgc tctcgcccga ccaaaaaaag tcatggaccc 300  
 agctttggca gcacaatatg agcacgactt atagggtggt cagacacctg ctctcccga 360  
 tgagga 366

<210> 241  
 <211> 381  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (20)...(384)  
 <223> similar to gi994732 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 241  
 atgaggtgct aatcaataaa aaatagttaa acatttgcat gactctactc atttggaat 60  
 aaattccctg ttttaatatct cggcttttta tagaaaaata attacttaaa agagtaaacc 120  
 aggtaaccca ggcctgtgaa ctatatgcct ggaacaaccc aaatgaccaa tgtttacctc 180  
 ctcccttagt aaggcctggt cagcatagag gagcataccc tggtagaacac tggcaaatag 240  
 actatactca gatgcccccg tgtaaagggt ttaaattattg attagtattc attgacacct 300  
 ttaccgtttg gattgaggct tttcctacca agtctgaaaa ggcaatcaag gtttctaaac 360  
 tactaaaaga aataattccg a 381

<210> 242  
 <211> 1065



<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (14)...(1067)  
 <223> similar to gi600118 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 242

ctctgctgta	actgcagggt	cacaggcatc	ccgggagaat	gggcctccac	cctcagccag	60
ccctcactgc	tgacaggcac	ccctctgtca	cctcctgcc	cctgtcagat	accagcctg	120
cccgccatca	gccacccgag	tggttccgac	ctccattcac	ctcaagcccc	aacaggcccc	180
tgtcattcca	cttcatggaa	gagacggagc	cttctgaaat	gagatctacc	ctgaaaatct	240
cttctccttc	ccctttctga	gaaacgtcat	ccccaccagt	taacgtttcc	tgtacaccct	300
cacctctct	cgtccatctc	tgttgctct	gcacatcagc	acacactgac	tccacctggg	360
ctggctcctg	ccgcctcttc	cctacctcct	ccactagccg	caggaagggc	ctccagcacc	420
cacaactgcc	cttctctctg	atgcccctcg	gcttcccccc	agcctggcag	cagcgtccca	480
gcgcctccac	attgcccctc	tcacctccca	gctctccacg	ccacttggct	ctgcagcgac	540
ccctcctaga	cgctccctgg	cccctcggca	cccagaatgc	cacattcttg	tgtttttttc	600
ctccttcttt	cccaatccct	ctcaaccatg	tattttattta	tatatgtatg	tattttttta	660
tttattat	atttattgaa	acccctactt	tgattgacaa	aggaatcaag	gtagatctga	720
ccagtattcc	cctctcttct	ccttgcccc	ccacatggac	atgccttaca	ctggcgctct	780
ctcctgagtc	cctccgcact	ctccatcagc	aacctcacac	ctgccttcag	acccggctgc	840
aacttcttaa	gctgcccctg	ccccagctcc	tctctgcaac	ccagccctct	cctgagctct	900
aggctgggat	tacacccgct	ggagggacac	tcaccccatc	tgctcccacg	gcagcaccat	960
caactcaaca	agtcagaagc	caagtggatc	atctgtgtcc	ccttccccca	caatccctcc	1020
tttttctagt	aaaagaccgc	tgatcccgct	agccaccacg	tctga		1065

<210> 243  
 <211> 839  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (23)...(785)  
 <223> similar to gi4755085 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 243

cggacgcgtg	ggctctgaca	ccctctgccc	gccctgtagc	tgtagtcttc	ccattggcta	60
gggctctggg	gtcgggcagg	tttcgggtgc	ccccagtggg	cctcgggttc	caggcagctc	120
gtgacaagcc	cctgtgctct	ctagaaagcc	cgttttggcc	tgagtgcggc	tgaggacatc	180
accccccggt	tcaggtgaga	cccaagcagg	gaggaaggac	gggtggggag	gaggagggtc	240
tgccacagct	ctccgcacct	ctcctctccc	agggcagcct	gtgagcagca	agctgtggct	300
ctgactctgc	aggaggacag	agcatccctg	acgctttcag	gggggccctc	ggcactggcc	360

tttgacctct	ccaaggtacc	aggcccagag	gcagccccc	ggctgcgggc	gctgacactg	420
ggcctggcaa	aacgcgtgtg	gagcctggag	cggcgactgg	cagctgcaga	agagacagct	480
gtcagcccga	ggaagagccc	ccggcctgca	gggcctcagc	tcttcttacc	agaccagat	540
ccccagagag	gtggccctgg	acctggagtc	aggaggcggt	gtccaggaga	gtcgctcatc	600
aaccccggt	tcaagagtaa	gaaaccagct	ggtggcggtg	acttcgatga	gacctgaagg	660
tgcagcacia	gcgtggcccc	gcggggagtc	cgcctatgag	gggagaggca	gtctttgagg	720
cccccatcag	agaccccccg	ccaccacctc	cacctgcctg	tcctggggcca	ggactaacac	780
ggctcctcaa	attccttccc	tgtcaaataa	acagctccct	tggttgga	aaaaaaaa	839

<210> 244  
 <211> 440  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (25)...(436)  
 <223> similar to gi5734705 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 244	
cccggggcga	cccacgcgta
accacttcca	ctgcatccgc
cctctcacia	gcgcaagcat
cgccctcgct	gctggggcgc
ttgacttctc	cgccctgagc
agtcctctgc	gtccctggct
aacctccaa	cagcaagatc
tggccctggc	cctctccaag
acgagggctg	cgtgtacagc
gcttcacctt	cacctccacc
acatccgctc	ctcgggcgcg
agcacgagga	gtccagcaac
cgccctcccc	accagccagc
cgcccaaccg	ggctggggccc
tgccccaggg	cctgcctggc
tcgatcccc	

<210> 245  
 <211> 759  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(760)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (22)...(710)  
 <223> similar to gill118091 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 245
aaatggaccg gccagaaaat cagtccaaat accagtggct ccagcccagt cattcatttt 60
actccctctg atttggaggt gagacggtct tcaaaagaga actgtgccaa aaacctcttt 120
tccacacgtg ggaaacccaaa ctttactcga caccatctc ttatcaaatt ggtaaagagt 180
atagaaaagt atcggagaaa gataaattct gcgcccagta gccctatcaa gaccaacaaa 240
gctgagagtt ctcagaattc tgcacccttc ccaagtaaaa tggctcagct cgagctatt 300
tgtaaaatgc agttagaaga gcaatcaagt gaatccagac agaaagtga agtacagctg 360
gcaagatctg gaccctgcaa accagtagcc cctctggacc cccagtgaa tgctgagatg 420
gagctgacag caccgtccct catccagccc ctgggaatgg tccccctgat cccagcccc 480
ttgtcatcag cagtgccctt gatcctacct caggcccctt caggcccatc ctatgccatc 540
tacctgcagc ccaactcaagc ccaccaaagt gtgacccac ccaaggcct gagcccaacg 600
gtgtgcacca cccactcttc taaagctact ggctcaaaag actccacaga tgccaccact 660
gagaaggcag ccaatgatac ctcaaaggcc agtgccctta ccaggcctgg aagcttgctg 720
ccagcaccag agaggcaagg ggcanagagc cgaaccagg 759

```

```

<210> 246
<211> 1467
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (23)...(1462)
<223> similar to gi2351568 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 246
cccacgcgtc cgccacgcg tccggatgct tggttcccgg agcttggaag atgatatcag 60
ccttgcatat tcagtgtatg cgacctcact gcagagtgat gtgaattaca agaaaggctt 120
tgaacactca aaggcgagc tccatctgcc gttggacatg gccgccctgg tgcattgcaa 180
gaaggctcag accctggcca gcaatcagga ctacaaacat ccaactgccc agtacacttc 240
cttggcagaa gacctgaggg tgagctgtgc caagaaagct cacaaattgc agagtgaaga 300
tttgtaccgg tcagacctga actttatgcg aggtgttgca tgtgtcgttc caggcacggt 360
agagatcgaa gggaggaaga aagcatcgga actcatcagt gagagtaaat atcggcagca 420
tccccactca ttcaagtaca cagctgtgac agacactccc aacctccttc atgcgaaatt 480
cagcaaccag ataacgaatg agcgccctta taaagcagct ggagaggatg caagacacga 540
gtatacaatg accctgggtc tgcccagatt catccgagca aaaacgaatg cagccaacct 600
gagtgcagca agatacaaa agtcctggcg taatcttcgt gctcaaggct acaagctgac 660
aatagaagcg ctccccttcc aggtgcccc ggccctctgga gatatagcca gtgattttct 720
ctacagacat gactttgtga aggagcgagg gaaactcata gggccccaga gtgtaagaga 780
cgacccccgg atccagcact gccggcgcat gggccagctg cagagcgagc ttcagtacag 840
gagggggggc accagcagcc aagcccagtt ccatctgccc atggacatgg tgcacctggt 900
ccatgccaa agatgccagg ctctggccag cgaccacgac tacaggacac agtatcacia 960
gttcacagca ctgcccagg acctgaagat ggccctggggc aagaaagccc atgcccctgca 1020
gagtgaattg cgctacaagt cagacctgat cggcatgaag ggcataggat ggctggcgct 1080
gagatcccca cagatggaga gtgcaaagaa ggctggagaa ctcatcagcg agaccaagta 1140
ccgtaaaaaa ccagacagta tcaagttcac cacagtgggt gactccccag acctggttca 1200

```

tgccaagaac	agctatatgc	actgcaatga	gcgcatgtat	agatctggag	atgcagaatc	1260
cctgcacaga	tacaccctga	tccccgacca	tcccgatttc	acccgagctc	gcctcaatgc	1320
gctgcatctg	agtgacaaag	tctacagaaa	ctcctgggag	cagacccggg	ctggcagtta	1380
tgacttcagg	ctggatgccca	tcccccttcc	agacttggcc	gggcatctta	gggaattgcc	1440
agtgatttcc	gtacaaaaga	gcttttct				1467

```

<210> 247
<211> 2024
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (218)...(1606)
<223> similar to gi3980411 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 247						
ggagaagtac	gtggaggaac	ttgcagcagg	gaggcttacc	cttcagacag	acctggagac	60
atccattcgg	cggattgccg	acctgcaggc	tgccttgga	gaagtggcat	ccagtgcag	120
tgatactgag	agtgtccaga	cggcagtgga	ttgtggcagc	agcggccgaa	aagagatgga	180
taacgtctcc	atcctcagct	cccagccaga	gggcagcctg	cagtcctggt	tgagctgtac	240
tctgtccctg	gccacagata	ctatgaggac	tccttctcga	cagtcagcca	ccagcagccg	300
catcctcagc	cccaggataa	acgaagaggc	tggggacact	gagaggaccc	agtcggcatt	360
ggcactgagc	agagcccggg	ccaccaatgt	ccacagcaag	acctcaggag	acaagcctgt	420
ttctccccac	tttgtccgcc	ggcaaaaagta	ctgtcatttt	ggggaecggc	aagtgcctgc	480
cgtccataga	aagtccacag	agagattaga	acctgcttcc	tctcccctgg	cttctcggag	540
tacaaataca	tccccgctgt	cgaggggaaaa	gctgcccagt	ccttcagcgg	ccctctcgga	600
gttcgtggaa	gggctccgga	ggaagagagc	ccaaagaggc	caggggtcca	cgctgggcct	660
ataggactgg	cccactctcc	ccatttacca	gacgactggg	gcctccacac	taaggagggg	720
cagggctggc	agtgcagagg	gaaacctctc	gctgagggtt	ggggcaaagt	cacccctgga	780
aatcgaagg	gccgctgggt	gtctcttgag	gtccaccagc	ctcaaagtca	tctcttcaga	840
cggtgttg	ggcacaaccc	tactccccga	aaagtgcgaa	acccaattca	gttctctcga	900
gtccctctta	gaatccagac	cgagcatggg	gagaaaactg	agctctccga	ccacaccag	960
ggacatgctg	ttgtcgccca	cactgcgtcc	tcggaggcgg	tgtctggagt	cctctgtgga	1020
cgatgcgggc	tgtccagacc	ttggaaaagga	gccgcttggt	ttccagaacc	gccagtttgc	1080
ccacctgatg	gaggaacctc	taggcagtga	ccatttcagc	tggaaaactcc	caagcctcga	1140
ctacgaacgc	aagaccaaag	tggacttcga	tgacttcctc	ccagctatcc	ggaagcccca	1200
gacacctacc	tccttggtcg	gatcagccaa	aggtgggcaa	gacggttcac	agcgttcaag	1260
catccacttt	gaaacggaag	aggctaaccg	ttcctttctc	tcggggatca	agaccatttt	1320
gaagaagagc	ccggagccca	aggaggatcc	cgctcacctg	tctgactcgt	cctcatcctc	1380
cagctccatc	gtgtccttca	aaagtgtcga	cagcatcaaa	agtcgaccag	gaatcccacg	1440
acttgcgggt	gacgggtggc	agcgaacgtc	ccccgagcgg	agagagccag	ggacggggag	1500
gaaagacgac	gatgttgcca	gcataatgaa	gaaataacctc	cagaagtagg	aaccagttca	1560
gcctccttga	agctgccctt	gaagacttcc	cgactctaca	ataacttgga	gacagagaga	1620
ctggccaggc	ctccccgggtg	gccagagcca	gccagcatgg	ccaccctcaa	gaggcgagat	1680
gagccacag	aggcatatcc	tgcgggggatg	ctgggctccc	agtgtggttg	gcctgaacaa	1740
aataaagtgt	tgactcctgg	gcactctgtgc	cttctctatg	gccttgctac	ctgggattcc	1800
agagagttga	tgggggtgcag	ataggggtag	gactgttaga	atagaaccaa	cccaaactgt	1860
gtgtagtttg	gggtgtatac	ttctattttct	cttcctacat	gtctacatgc	catgaccttc	1920

```
ctcctcctct tcacttggcc agtttcagct cacttcctcc aggaagtctt tcctgatata 1980
tcaaactgaa acaaatgctc ctcctccatg ctcccttaat cccc 2024
```

```
<210> 248
<211> 751
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (18)...(713)
<223> similar to gi62223 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 248
cccctccacc tggagttggc catgatccac tgactgtgac ctgtgctctc cagggatacc 60
ctgtggcggt cccagctctg catgcctgcc atcgctgca gcacacacct ctgagttccg 120
tttgggagac ccctgaggac gccagtgcc cacatctgca tggacccgat gtgctgagct 180
ggctccggaa agaagtctcc ccgcccggca tgctgctcat cgatcgctc ctgacccaca 240
ctgttcctac aaaggcacca ggattctgac cctcagggtga gagctccagg tgcctttggg 300
tctccgcttt gaggacctgt gacgcccgt catctgtctc cctgccgtgc cctccaccgg 360
cccagcctac ccttgctgac ttgtcttcca catgtgccta aagtgggccc tgctctgttc 420
ctcctctgtg ggcttggggg actgtctcac tgccttcca gaggacttcc agtagaaaca 480
gccccaggga agctcccagt cagtgtcccg ctccctgcggc ctggagccca gctcgagtca 540
ggctctccca caccctcctc ttcatcacc tccccggccc atgccactct cagggaggct 600
tcatcctggg ccccatccct gtgtccagct ctccagtcta cacctgtact tccgcaggcc 660
cctgctcttc actgggtggg gtggggagggc ccctctgacc gaactttcat ttaaagtcta 720
cttctgtcat ctggaaatac agttttctcg a 751
```

```
<210> 249
<211> 684
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (5)...(684)
<223> similar to gi2981631 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 249
tgtagatata gagtagctaa ttctaaaatt catatggaag gcaaagaaac taaattagcc 60
aaaacaattt tgaaaaagat ttcaaaaaaa ttttgaagga atcatgctgc ccagtttta 120
```

gacttactat	aaagctgtga	taatcaaggc	aatctggtat	ttatgaaagg	ataaacacat	180
agatcaatgg	aataaagtcc	aaaaccagac	tcacataaat	agcaattgat	ttctgacaaa	240
ggtgaaaaga	caactcaatg	gggaatggag	agtttttcaa	cagatgattt	taaaacaact	300
gaacatccat	atgcaaaaaa	ataaacctac	ctaaatttca	cagcttatac	aaaaattaac	360
ctaaaatgga	tcacggatct	aaatgtagaa	ctaaatttat	aaaattttta	gaagaaaaaa	420
atccataggc	cgggcacggt	ggctcatgcc	tgtaatccca	gcacttcaga	ggctgaggcg	480
ggcagatccg	ttgaggtcag	ttcaagacca	gcctagccta	tgtggtgaaa	tcccaactct	540
actaaaaata	aaaaataaaa	aaaaaatggg	ctgggagtg	tggtgcacac	ctgtagtccc	600
agctacttgg	gagactgaag	cacaagaatc	acttgaaccc	agcaggcaga	ggttgcagtg	660
agtggagatt	gtgccactgc	accc				684

<210> 250  
 <211> 666  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (45)...(632)  
 <223> similar to gi2462837 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 250	
ctgaacttgg	ccctgtgttt aagcagcagg agccaatcca gattttgtta attttcctac 60
aaaaaatgga	tttgctacta accaaaaccc ctccctgatga gataaagaac agtggttctac 120
ccatggttta	cagagcacta gaagctcctt ccattcagat ccaggagctc tgtctaaaca 180
tcattccaac	ctttgcaa atcttatagact acccatccat gaaaaacgct ttgataccaa 240
gaattaaaaa	tgcttgctca caaacatctt cccttgcggt tcgtgtaaat tcattagtgt 300
gcttaggaaa	gattttggaa tacttgata agtggtttgt acttgatgat atcctaccct 360
tcttacaaca	aattccatcc aaggaacctg cggctcctcat gggaatttta ggaaactgag 420
gctcagagag	gtaaaataag tgattcaaga tcatataagt ggtatttaca aatgtacttt 480
tactcataag	aagttgggaa tcaccaaaga gcagctggcc ggaaaagtgt tgcctcatct 540
tattcccctg	agtattgaaa acaatcttaa tcttaatcag ttcaattctt tcatttccgt 600
cataaaagaa	atgcttaata gattggagtc tgaacataag actaaactgg agcaacttca 660
tataat	

<210> 251  
 <211> 845  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (25)...(847)  
 <223> similar to gi4240130 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 251
cattttggga ttgccatttt aggagatcct caagttttgc tattggatga accgactgct 60
ggattggatc ctctttcaag gcaccgaata tggaatctcc tgaaaagagg gaaatcagac 120
agagtaattc tcttcagcac ccagtttata gatgaggctg acattctggc ggacaggaag 180
gtgttcatat ccaatgggaa gctgaagtgt gcaggctctt ctctgttcct taagaagaaa 240
tggggcatag gcctaccatt taagttttgc atcctgaatg aaagggtgtga tccagaagag 300
tataacatca ctggtttaag caggcaccat ctctgatgcc caaaatttga ccagcccaa 360
agtgaagaaa aaccttgat ataattttgc cttttggaaa ggaccaaaca aatttccaga 420
actttacagg gatcttgata gatgttctaa ccaaggcatt gaggattatg gtgtttccat 480
aacaactttg aatgaggtgt ttctgaaatt agaaggaata tcaactattg atgaatcaga 540
tattggaatt tggggacaat tacaaaactga tggggcaaaa gatataggaa gccttggtga 600
gctggaacaa gttttgtctt ccttccacga aacaaggaaa acaatcagtg gcgtggcgct 660
ctggaggcag caggctctgt caatagcaaa agttcgcttc ctaaagttaa agaaagaaaag 720
aaaaagcctg tggactatat tattgctttt tgggtattagc tttatccctc aacttttggg 780
acatctattc tacgagtcac atcagaaaag ttacccgtgg gaactgtctc caaatacata 840
cttcc 845

```

```

<210> 252
<211> 1254
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (705)...(261)
<223> similar to gi5918469 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 252
tttttttttt ttgtatatatt taacaatgtt tattattcat ttatccctct atagaaccac 60
caccacacacc gaggagatta tttggagtgg gtccaccagt agggccggag ctatgaaatc 120
tatctcccca cttccctcac catgtgcatt aggtgtgggc atgggttcagt cagaattggt 180
tttttttttt caagagcacg cccctgggc ctttattcac caggaccttc tggaaacctc 240
catggcccca caccaagcac ggccccggcg cccaagctcg gccacctgca gtctcctggg 300
gtggggctgt cggatttatg gcatgctttc tgggttctca ttgctgagcc aatcccaaag 360
taggggaagg ggctggattc atcaccggcc cctcggcttt cgagctccag acaagggccg 420
tcgctgggga ggcgtctgtg ctctcccggg ctctgcagc tccagagggt tcgggctctg 480
aagcagggtga ggggtgtgct aggtgctgt ttcctactgg ctgccgcccc gctcctgctt 540
gtacagtctc tgctcccgga tggcttggtc caacaagggc aggttcattc cctccacaca 600
ggtcagcacg cgcgccttca ccacggagcc tctgtcctgc tgatgctgga gctccccgag 660
gacgatgtac agggagccca cctgggcgtg gaagggtcc accaacttgg tacagacaag 720
aacctggtgc tgatcggtac cgtgctgagc catcagtgtt actctggact gaatcatgtc 780
atagaggcac aacctgccaa atgttctcag cgtgctccca tcaggaactt ggctgcact 840
aacctcccag gggaggtaat aggtcccagg tttgggcagc atcatgggt cctgttctag 900
gcgtcgccgg tcctcggtatt tcttctttcc gcctcgctg gtcacgtgac gggggagggg 960
cgggatacaa aaagtgcttt attttccac tccccggacg cccagcaggg cagtttcttg 1020

```

```

accttcggag cccctttccc gaggatccgc tcgggagcct cccctggcca ggagcagggg 1080
attagtctgc cccgcgaccg gccccagcca cgacgcggac atcgccccct ctgtctgggc 1140
cgctgtcact tttcatctac tatgatgtga tattttaaat gaaaactttg gaattcgagt 1200
aatgttagat atcctgtagg cacttgaaat tataacttct tttgtagaag aaac 1254

```

```

<210> 253
<211> 650
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(651)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (332)...(650)
<223> similar to gi36615 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 253
gaattctgct tatgcaccaa tttgcagctc ctgcaaccat gatgcagcct caccgagacc 60
tttcaacatt ttccctttca cctaaaactg tatttttctc tgctaagacc ggctacccta 120
ctttcatttt cctttcactc ttcttggtc ttttgggcct tttaggaatt tgggatgatt 180
caggctctga caggcatggt actagattta ttttaggctg ctcttttgct gttgtccaac 240
aggccaagga gagattttaa tgatttatcc aatatattgct aaatagtcac gtgtttcatt 300
tatcccatat atagttcagc cttaatatgg tttttgtttt gatttggtac actagtgcac 360
acatagagac gtgaagccag aaaatatcct catcacgaaa cattccgtga ttaagctttg 420
tgactttgga tttgctcggc ttttgactgg accgagtgc tactatacag actacgtggc 480
taccaggtgg taccgctccc ctgagctgcn ggtgggggac acgcagtacc ggccccccgg 540
tgggatgttt ggggcaattg gctgtgtctn tgctgagctn gctgtcaggg aagtgcctct 600
ggtggccagg aaaatcgga tggtggatca gctgtatctg attaggaaga 650

```

```

<210> 254
<211> 1273
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (40)...(1265)
<223> similar to gi488555 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```



```

<400> 254
aacgtaggac ctgctacgcc agcttggcac gagggtaatg aatgtggaca aacctttggt      60
cacacttttt cccttaataa gcatcagagg actcattctg gagaaaagcc ctatgaatgc      120
cggaatgtg ggagaacctt cagccagagc tcatcactca ttgtgcatta cagatttcat      180
actggagaga aaccttaca atgtaataaa tgtgggagag ccttcagcca gagttcatct      240
ctcactcaac attacagatt tcacactgga gagaaaccct acaaatgtaa tgagtgtgga      300
agggcctttg ctcatactgc atcccttatt aaacatcaga gaagtcatgc tggaaaaaaa      360
accctataaa ttcagtgaat atagaagggc tttcagctgg agtgcagaca tcaactggaac      420
ttaaagaatt catatcagag agagatccta aaggtgtaat gtatgtggga agaccacatc      480
ttgttccaca tcaggcaata attactaaag agaatccctg tcaatgtcaa gagggggtgg      540
gcttccccctc tcttaccaaa catgggagaa tccatactag tgagaaacca cgtgaatgta      600
atgaatgtgg gaacgctttg atcagaggat gcatattatt cagcatcaga cagccgacac      660
tggggaggag ccttatcaat gcagtgaagt tggcaagcct tcagttacat actgattctt      720
taagaaaatc agataacttg tactggagag aaatcctaca agtgtggtaa gtatggaaaa      780
atcttcagtt gtatctcttc ctttactaag catcaagaac acatactaga gagaggccct      840
atgaaagcag gaaatagagg aaggccttca gtcagggtc atcccttatt aagcatcaga      900
aaattcatat ctgagaaaaa cctgtgaatg tgggtaatgt gggagagcct tcagccaaac      960
ctcattgctt tataaacccc ttagaactct ccctactagc tggaaactct ggtgacgtga     1020
tgaatgtggg aagggtcttg gtggatgttc caccaaaaca cgtagagaa tttgtacatt     1080
agagaatttg tgctagagca actcttcaaa tttagtgaac ctgggaaaac ccattagtag     1140
agttcaagct tcagtattca tctcaaagag aaaccttggg aacatgatga atgtggagga     1200
aagttccttt accaacttgg agatgtataa aactagagct gaaaagaagc tgagaaatcc     1260
tataaaaaaa aaa                                           1273

```

```

<210> 255
<211> 380
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (69)...(376)
<223> similar to gi5102812 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 255
ggccgcatcg ggccccgagc gcgtgtccga gcggcttaaa ggggccgtgc tgctgccttc      60
gggtaccgct gccccgggag acccccggcg gcccggccct gcggggaccg ggcgggatgg      120
ggaccggggc agtggaccct cggagttggg atggggcggg gggaacgcgg gcgtggagcc      180
ctccggggac agggcttggg gtcctcagaa gcctccagaa cgtccatgga acccgccct      240
gcgccaccg cctcctgctg tctttccagc tgagtcccg ctgcccctca cctcgggctt      300
cttcaactct cctctcccca gccagcgccc tgctccccgg tcctcaacca ccacctttca      360
cctgcctggg ccttcacgcg                                           380

```

```

<210> 256
<211> 2262
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2223)...(97)
<223> similar to gi5739387 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 256
cctgccactg aggcagggtgc ggccccagga ccatcaccag gaatgcgagc ccaccctgga      60
ccagaggtag gagcccaagg tccggccctt tgctctttga ttgtgggcag cctcctgccc      120
tctctgggtc tcagttgccc catctgcaga gcgaggaggc ccgggctggt tggctctgaa      180
ggcccttttc catgccgaca tcatgtcact ctaggcctgg gggttcagttt cctgtggctg      240
gtgatgctgt ggttaagttt gcttgacccc agcagcccga gggactgtct gaggcacagc      300
acagccccta ttgctgtggt gctggtgtgt ggggtcagtt ccagcagatg aatgtgtcat      360
gtggcacacc ttgtcccttc ccgcagcatt tcttggttcc cccagaccc ttgagcgctc      420
tttgggaccc agaaggagtc cttgcacagg gaaggcttga ggtgagaagc cgcttcccag      480
actgtcaggg ccaggcctgg gtctagaatt cttgctgctg ctttgagag tcaacagccc      540
atcagcccat gttttagagg ggacactttg gtcctcggtt cccaccctca gcaagcaggc      600
ctccagcccg aggaaggcct ctgccgtggt gacgttgccg tgtggggctg cgtggctggt      660
ccccttggtt ggagcattca gccaaaccca gcgtccccc tgaggcggtt attggcagcc      720
ccctaggact gcacgctggc cccacggtta cccccctcc cccaccaaca tcctgcaggg      780
atgggggtcag tggttccacc ttcacaggcc actttgaagg gtggattctt tgaggcccct      840
gacagtgcgc tccctgctca gctgctggcc cgggcgacct gggactcagc accaacggct      900
gaagtttctc agctgggctc tgacctgggg tctggggcag ggaacgaaca tgggtggctt      960
gggctgagag gatgaggagg gtctttccca ggtcaaatta ctttcctttg gcctctgcct     1020
gaggctcgat ttgcctctct ggtccaatgg gactgacact gttgtacaac ctgacctgtg     1080
gctgagggtg tctgggctta agcatgtgga ccccttcggt gtgtctggcc ttcctccatc     1140
gtcctgccct ttggcctttt ggtttgaagc cacagggtgt gcttctggcc ttagcagatg     1200
gtatgcttgc ggaccgcagc ccagcatgcc ggtgggccc cagcccagag cagcccagag     1260
ctgccggaag ggccgcctt cccggccctg gcggggtgct ggacactggc cattttctact     1320
agagtttgcc tggcagggac cgatctctgc cccctcctct cccaggcct ctggctgcag     1380
tgatgccgca gaatcctgag ccagggtgcct cctgagcagc ccgtgcgcct ctccacagcg     1440
gcgtttgccca cccaatgcgg ctgcgttcag atgctctgat gcagagggca tgcccatagt     1500
ccctctgcag agcctcgcac tggggccagg gcaggcacca gcccagggcg gccagtcggc     1560
cacggcctgt cctcttcctc gtagcgtctg ctccctactt tgtgttgatg gtgacttagg     1620
agaatgttcc gattttccat gatctaagca ggccacgttt aaaataacat caaggcaagc     1680
gtacgtgtca ccctctgtac tgacatctcc tcccctgaaa tgcttttcag tttgacagcc     1740
cgtttcctag acaagtgcac ctgggggttt aggaactttg tgttttttcg gaggggggtt     1800
gtggggagggt cgggatgcct gggatccctt cctggagagg caggctgtct ctggaaaaag     1860
ctccattgct ccacccgcca ggcggaaggt caccctgttc ccagcgcggt ttcagcattt     1920
aattttaagg gagctaagga agcgcggcgc gccccctggt ggtggtaagc cgccaacgca     1980
cctgggggct gcaaccccac cggacgggtg gtccggaggg aggctggagc ggggaggcga     2040
ggagggggct gtgagtcctc agaggccctg ggccaccaca tttctggcag cgtttcccag     2100
acacccctct gctaggccat ccctggatag caagtgaatt aacttaaggg cactgtgatg     2160
ggaagccttg ccccccctt ttttttttt ttttaaaaaa gggggaaaaa accccagggg     2220
ttaatttttg aatgaataaa aggtttttgt tgaaaaaaa aa                        2262

```

004397310 "012100

<210> 257  
 <211> 682  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (52)...(671)  
 <223> similar to gi2072951 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 257  
 tctcctgacc tcatgatctg cccgcctcag cctcccaaag tgctggggct acaggcgtga 60  
 gccaccgtgc tcggccaaaa gagcacactt ctaaataacc catgtgtcac agataatttc 120  
 ttaaatggaa tcgagaaaata gttaagctga atgaaaatat aattccaata taggaaaatg 180  
 taagctggag ctcaaacagt gctgagttta gcttataaaa ctaaatgctt atgttagaat 240  
 aaagtctcta atgataatct aagctccac ctcaagaaac taaaaacagc aatatacaac 300  
 caaaaacaagt agaaaaagaa aataataatg atcagaatag aaatcaaagt cagaacacat 360  
 agaaaatcaa tgacacagaa agctgggttct ttgaaatagt caataaaatt tataaacatc 420  
 taagaagatt aacaaagata aagaagacac acataaccac tattaggaat aaaacaaagg 480  
 atacaactat agaaccttct gtcataagag gaataataag ggaatacttc aaataaataa 540  
 ctccacaaat ttaagttaca aaacttagat gaaatggaac aattcctcaa aaataataat 600  
 ctatcaaaac ccacccaata tgaaatactt tgagtaccta ttaagttgaa tgactacata 660  
 attcaaatct tccacaagag aa 682

<210> 258  
 <211> 532  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (90)...(437)  
 <223> similar to gill196425 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 258  
 ccccccataa ccatgctaga agaaacatct atataagggtg tccccactgt acacatacta 60  
 cttaggaaac ccagacccat ccagcccagc aacaattcca agtctttcag tcattcttta 120  
 aacatataaa ccagaagtta ccagaacctc ctcccttagc aaaaacagaa aaaacctatt 180  
 tgctcagctg gctgaaaaca ttgctagctg cctagatgtt tcttcatgtt atgtttataa 240  
 aaaggctaac ataagagacc aatggccttg agaagcaaaa gagttaatgc ctcaagataa 300  
 ctttaactag ctctttcccc aaacagatgc cacaagttca agcatctggc tcttaaaact 360  
 tctattatta aaaaatacca tgttactcac taggaaaaag cttttaagac acagtaaaaa 420  
 gaactaacct gcttaaggca tgacaaagtt ggtacatgtg catatacagg tttaacacag 480  
 gtctgatcct aggtgttcat ttagaacata gtttccagct gtaagaaat tt 532

<210> 259  
 <211> 726  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (492)...(728)  
 <223> similar to gi5788108 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 259  
 tgtattagta cttttccaat gaagtctctt aatttataaa gttattttaag agtttttatgc 60  
 atcagtatag gtatatgtat cttctatgga aataaaatac tcccttttcc tcatatttac 120  
 ttctaatttt tatgtagtgt tttcaacttt agcacttaaa tttatgaagc attgatctta 180  
 ttcttcaaat agaacactta attttcttgg tttgtataat ttaccaattc agatcatttc 240  
 aattttccaa actcttgtga caaatgttta tataaaaaacg aagtcagttt ttaatctgtg 300  
 tctaggttga aagtcattggg gttggccctt tctttaaata tgtgaaatgg cttttcaatt 360  
 aacagtttaa ctttatttgt aagacagtac tatggtattg accataaagt atttttgctt 420  
 tgagtttaat aaggactcaa aagagtgaag catttatggc agattcttgt tatctcgttt 480  
 tcttttttag gcctgatcaa ccccgataaa ccaaagatgt aatttgtttt catgctgaag 540  
 atttcttaga agtagttcaa cgaatgcagt tagatttaca tgaacctcca ctgtcccagg 600  
 tatttttaat acacttactg tctttggttt agtttttatt atgaagagag ttatttgtat 660  
 ttcttggttt attatttttt agtgtgtcca atgggttgat gatgcaaaac tgaatcaact 720  
 gaggag 726

<210> 260  
 <211> 1394  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (954)...(1371)  
 <223> similar to gi3877428 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 260  
 tcatggtcat cagttctagt catggatatt tgaaattgga caaccacaag tctgagagat 60  
 ttgaaatttc aggctatgtg gcaacgtctt tggtagattt caaaggtctg actaaatcag 120  
 tctttgggtg gcttgaaaat tgaggcaaga tcacacactg tgtggtttgt ggagaccggc 180  
 agtggtttgt catccctgat atcctttgtg ttgtaattta tcaccctttt gtgtttcaca 240

gatctggctt	tgattggctg	atgagtgtct	ttgtgatcag	ttaaaagtgg	tagaatgtat	300
gtacgtggac	ttgcctaaat	aataacttta	ggagaagaca	atctgaaaca	tttgtgacct	360
tgacagatc	agcaacagac	ttttaaaaat	aaattatttt	tattttaagg	tttcataata	420
gtaattacat	tcttaacttt	gtatgtcagg	atgaagaaga	gaaggatgat	ggtgaagcta	480
aagaaatttc	tacacctacc	cattgggtcta	aacttgatcc	aaagacaatg	aaggtaaagt	540
acctccgaaa	agaattaaaa	agtcgagctc	ttagttccaa	aggattaaaa	tcccagttaa	600
tagcccgatt	gacaaaacag	cttaaggtag	aggaccaaaa	agaagaacag	aaggagttag	660
agaaatctga	aaaagaagag	gatgaggatg	atgataggaa	atctgaagac	gataaagagg	720
aagaagaaa	gaaacgtcaa	gaggaaatag	aacgccagcg	tcgagaaaaga	agatatattt	780
tgctgatga	accggccatc	attgtacatc	caaattgggc	tgcaaaaagt	ggcaagtttg	840
attgtagcat	catgtctttg	agtgtcctat	tggactacag	attagaggat	aataaagaac	900
attcatttga	ggttttcattg	tttgcggaac	ttttcaacga	aatgcttcaa	agagattttg	960
gtgtccgtat	atacaaatca	ttactgtctc	ttcctgagaa	agaggacaaa	aaagaaaagg	1020
ataaaaaaag	caaaaaagat	gagagaaaag	ataaaaaaga	agaaagagat	gatgaaactg	1080
atgaaccaaa	acccaaacgg	agaaaatcag	gcgatgataa	agataaaaaa	gaagatagag	1140
atgaaaggaa	gaaagaagat	aaaagaaaag	atgattctaa	agatgatgat	gaaactgaag	1200
aagataacaa	tcaagatgaa	tatgacccta	tggaagcaga	agaagctgag	gatgaagaag	1260
atggtaaatg	acctccgaaa	agaattagaa	agtcgagctc	ttagttccaa	aggattaaaa	1320
tcccagttaa	tagcccgatt	gacaaaacag	cttaaagtag	aggaacaaaa	agaagaacag	1380
aaggagttag	agat					1394

<210> 261  
 <211> 1488  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (866)...(1462)  
 <223> similar to gi332612 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 261	
tttttttttt	aggaacacat
gacaaaccga	ggcttttctt
gggagctgtc	tgaggtgctg
tcttgccctt	tcagtccctga
aggaagact	gttccaagggt
aagcagcata	cctttataat
tgtgggtatg	aggtgttcaa
ggatttaca	tacgacagg
tgcaatctac	cggagcttaa
atttccactt	tctgccatat
ggaccatcta	acacgagggt
gcctctgaat	atgaggaaga
ttattatcaa	cctctcccca
ggaggcaccc	cccgcgaggc
accccccatc	gttgctccta
gtccaagtag	agagttcaaa
acgggtccga	acgcagctcg
ttcattttat	tacgtgtctt
ttcaacatct	gcaagcagct
aaacctttctc	ttggcttagc
tggtgcttta	tcgctgttct
ccttcgctgcc	ttggtcacta
tgctccttctg	tctggaggac
caaattcttcc	gacggcaggt
cagaaagaaa	gcagggttatt
cagggcccgt	gggaccaata
ctgccttggga	atattattaa
cgagtaatat	caacttcttg
cacagccggc	aatgctgaaa
ggacccccat	cgcagagggg
tcaccccccc	ctggcttagg
gaggactgtg	ggtattaggt
tatgtgggat	ttacgatccg
ctaccggaaa	

ttaagggcag	aaggcaggtg	agagaattct	taggagctgt	ggggttttgt	agactgtgga	1080
tcccaaaactg	cagtattagc	cgagcctttg	tatgaggtca	caaagggggc	ggggacccgg	1140
aacttttgaa	atggggatcc	caacaacagc	aagtttttca	tgagttacaa	gaaaatcttc	1200
tggcagcccc	agccctgggg	ctaccgatc	tgacaaagcc	ttttccattg	tatgcgtcag	1260
agagagaaaa	gatggcagct	ggacttttaa	cccaaactgt	ggggccctgg	ctgaggccgg	1320
tagcctacgt	ctctaaacaa	ctagacaggg	ttgctaaagg	atggccccc	tattagaggg	1380
ccttggcagc	aactgccctg	ctagtacaag	aagcaaataa	gctgattctt	cgggcaaaac	1440
ctgaacataa	agggccccca	ttttgtgatg	gctgagatcc	atccccctc		1488

<210> 262  
 <211> 1311  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (543)...(1311)  
 <223> similar to gi3043684 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 262	
ctatcagcca	cataccacat agggaggcca cagatggggc gtggtgggtg gaggtagcct 60
ttgcaccatg	ttgagcagag acggctggct ctcctcaggg ctccggctgg aaggtgtata 120
ccggaaaagg	ggcgctcgtg ccgcagcct gagactcctg gctgagttcc gtcgggatgc 180
ccggtcgggtg	aagctccgac caggggagca ctttgtggag gatgtcactg acacactcaa 240
acgcttcttt	cgtgagctcg atgacctgt gacctctgca cggttgctgc ctgctggag 300
ggaggctgct	ggtattccta agatccctga gagccaaggc ccaaccagga tctctgcctt 360
ccccaccag	aatccatggt ttggcagccc tccgccccat cacttcccac cctgggggat 420
catccagaga	cttggctcag ggggaggtgg gaagggggca gagacacatc catcctgcat 480
ttgtgcctaa	aaatccctcc ctctgtacca gctgccactc tttcttcccg ggtcctcccc 540
aacctcctc	cattccatcc ccagagctgc ccagaagaa tcagcgctg gagaaatata 600
aagatgtgat	tggctgcctg ccgcgggtca ccgcgcgac actggccacc ctcatgggc 660
atctctatcg	ggtgcagaaa tgtgcggctc taaaccagat gtgcacgcgg aacttggtc 720
tgtgttttg	acccagcgtg ttccagacgg atgggcgagg ggagcacgag gtgcgagtgc 780
tgaagagct	cattgatggc tacatctctg tctttgatat cgattctgac caggtagctc 840
agattgactt	ggaggtcagt cttatcacca cctggaagga cgtgcagctg tctcaggctg 900
gagacctcat	catggaagtt tatatagagc agcagctccc agacaactgt gtcaccctga 960
aggtgtcccc	aaccctgact gctgaggagc tgactaacca ggtactggag atgcggggga 1020
cagcagctgg	gatggacttg tgggtgactt ttgagattcg cgagcatggg gagctggagc 1080
ggccactgca	tcccaaggaa aaggtccttag agcaggcttt acaatggtgc cagctcccag 1140
agccctgctc	agcttccctg ctcttgaata aagtccccct ggcccaagct ggctgcctct 1200
tcacaggtat	ccgacgtgag agcccacggg tgggctgtt tgcggtgttc gtgaggagcc 1260
acctcgcttg	ttggggaagc cgcttccagg agaggttctt tcttggtgctg t 1311

<210> 263  
 <211> 365

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (8)...(330)  
 <223> similar to gil103590 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 263  
 ctttgctgat gcccccatgt tcgatatggg tgtgaaccat gagaagtatg acaacagcct 60  
 gaatatcatc acgtgatgaa ggcaggggccc gtggagaagc ggccagcctg gcaccctatg 120  
 gacacgtccc cctgacttgc gccccgctcc ctctttcttt gcagcaatgc ctccctgcacc 180  
 accaactgct tagaaccctt ggccaaggct atccatgaca acttttggtat cgtggaagga 240  
 ctcatggtat gagagctggg gaaaggaact gaggtcccca cctttatcat ccaagactgg 300  
 ctccctccctg ccggagctgc gtgcaaccct ggggatgggg ttctggggac tggcttatcc 360  
 atact 365

<210> 264  
 <211> 1192  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1125)...(605)  
 <223> similar to gil209103 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 264  
 tttgagatgg agtctcactc tgccaccagg ctggaatgca gtggcgcgat cttgggtgac 60  
 agagcaagat tctgtctaaa aaaaaagaaa gaaataggag caggatcaac ttccagatat 120  
 acagagaata taaaaataca ttacttttat tttagaaaaa tgaagactca tagagtaagc 180  
 ttatcacaaa ctggcctatt aggagtcaca gaattcacag gaaacaattt ctgaagacca 240  
 ggtgctgtct gccacctctc caagcaggcc agagtccagt agagaatgcg attcaggaag 300  
 atggctcctc agagggcagg gaggttagct acggaggccg ctccatgga aatgtccagt 360  
 gaaccaatgc caaggaagaa gataaaaatt ctctggggct gaccacaaca gtgggggtgg 420  
 ataaagacaa accacttgcc tgtacttctc atcttctatt tgttcatttc actgctggaa 480  
 ggtgacctct tttcccctaa tcttctttca acccagagag ttttaagtct ctccagctca 540  
 atcctaattc accccatttc ccatggtctc tactcctggg agaccagccc tgggtggcatc 600  
 tcttctctct gtccctgggc cagaatctgc tggagtcagg gtctgctggg tagaggcgag 660  
 tccaggtact gactgtagtg gtttgctact gaagtcttgc ttgctgtcct gatctcttta 720  
 cctggtaggt cctgggactg ccactttcct ggggggctgc agattgctgc gagtggcacc 780  
 catgacagga agatttagtc gctgggaaac aggaaccttg tgtccacttt ccgcactct 840  
 gtgtcctgca gtgcttggtc ttggaagccc ttttcgagtt gacagagaat ccggaggtag 900  
 ggcacctctg ccaggtggca cactccggct ggtgagtggc attcggctgg caggcccgca 960  
 acttggtctc tctggtctcc tcactggctg ctgctctccc actgggcccg gctctcccc 1020

```

ggactggggg agtcgatcgg gtaagaggag aagatgctgg gcttttggat gcaggggaaca 1080
gattgcaagt gggtgactcc ctcttcattgt tggagggcct ctttccagat gtagccggag 1140
agccctgact gaccccttcc tatctttctc cgccctcgtc caagcttgcg ta 1192

```

```

<210> 265
<211> 1021
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (262)...(973)
<223> similar to gi2388986 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 265
ttttgtcgaa aggggttttaa gtggggaacc cccgggggttt tccccctcccg gcggtgttaa 60
accccgggcc agggaattta attttggggg ccccataaaa aaactttttc cttgcaagcc 120
cgcggaagta aactttgatc ctttaaaacg ggccccctt tttttttttt ttcttgggtt 180
cacatttatt gtaacttgga agcccaccct tcttcctact cctggagctg tcgtccccaa 240
gggctcagga attagccttg ctccacagca aacagcccag aggccccacc tgggcaaaag 300
caaacaaaac agatacgttc ctttccggca ggtgcagatg ctctgcccag gcctgcggaa 360
gccagctccg gtctgtgtgt aaatcctccc caggacttcc ggcccaccag ctccattcca 420
gcctccactc ggctcagctc cgcggttcc tcgagccagg ctggtcctgc atcgccatct 480
gctggccgcg cggcacggcc gggttcctgga gccagcagga gtcggaggct gcagggcttg 540
aaggcctctt caccgtgccc tccaggggag ctagctgccg aagtattcct gctggaactt 600
ctggaagtct tcctcggtga acacgggtgcc ctacgccttc ttcttcttgg tcttggccac 660
aggccgttca caggccttgc ggccccgggt ctggcgcaaa atctgctggc tcacagactc 720
agccacggtg cttctcgctc tggtcagaaa cttcagggtt actctgaggt ggtctcgaca 780
ctctcgcttc cggctactcg ccagtgccga cttgggcacc tttcccttgg ccgagttccg 840
cagtttctgg gcctgaattg ccttcgtctt ccggggccgt ttcaccggag cccctctcgg 900
cttggcctga cctggagggt cccggggggc ctcgacgccc gccagcagct ccaggccccg 960
ccgcagcagg gcggcgagca tggcggcgct tggctcccc cttctgtcgt cttctcgag 1020
c 1021

```

```

<210> 266
<211> 755
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(756)
<223> n = a,t,c or g

```

```

<220>

```



<221> misc\_feature  
 <222> (2)...(755)  
 <223> similar to gi3874336 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 266  
 aatacattgc cggggggtggc caggggtccc gtcgcaaagc acggagagtg cgagtttagg 60  
 agtctgagct tcccccgagg cgcgagccag cgggagcggg gatccggtgg ccgtgcctgg 120  
 tggcaccgtc tttgcgccgg gaccttctga gagagggtgg gttcgggagc ccggagctgg 180  
 accttctcgg gaagggacgg tgatctcgag agcactgggg tccccttccc gggcgccctcc 240  
 gccgcgtgcg cgaccacgga gcctgggaag agggatccgc cggctgcagc cgcgcaggtg 300  
 gaaagaccct tctctccgcc ttaccgctcc agatcttcgc cggcggtttt ccctggctcc 360  
 cggagcggct gcgtgctgca cctgttgctc ggagctgctc cttcccgcgg cgcttcnccg 420  
 cactgcccag cgcgcagcag tgcaactgtgc ggctcctgca gagaaggctc cccgcgcac 480  
 ccgcgcgccc agcgccacct ccccagtggg ctggcgccctc cgactccctc ccggcttttc 540  
 cagggattcc gagtcgtcca cagggcgaga gctcttttgg gaggcttcct ggtggtggat 600  
 agagtcgggt gccaggggct tctctgctgc aactgagagg cgaaaacagc tcggctgaaa 660  
 tccgcgcccc ttagaagtca cgtgctgcga gcagagacat ggacggattc tagcgggatg 720  
 ggtcgccgcc cacctcccga cgaagtcgtc gaccc 755

<210> 267  
 <211> 1906  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1907)  
 <223> n = a,t,c or g  
 <220>  
 <221> misc\_feature  
 <222> (411)...(1906)  
 <223> similar to gi5532493 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 267  
 gtcccgactt tcctggagga caccttcgtg cggagcgcgc cgagcctcgt cccgcggccg 60  
 ggccggggcc gggccgtagc ggcggcgccct ggatgcggac ccggccgcgg ggagacgggc 120  
 gccgcgcccg aaacgacttt cagtccccga cgcgcgccgc ccaacccta cgatgaagag 180  
 ggcgtccgct ggagggagcc ggctgctggc atgggtgctg tggctgcagg cctggcaggt 240  
 ggcagcccca tgcccagggt cctgcgtatg ctacaatgag cccaagggtga cgacaagctg 300  
 cccccagcag ggctgcagg ctgtgcccggt gggcatccct gctgccagcc agcgcatctt 360  
 cctgcacggc aaccgcatct cgcgtgtgcc agctgccagc ttccgtgcct gccgcaacct 420  
 caccatcctg tggctgcaact cgaatgtgct ggcccgaatt gatgcggctg ccttcactgg 480  
 cctggccctc ctggagcagc tggacctcag cgataatgca cagctccggt ctgtggacct 540  
 tgccacattc cacgggcctg ggccgcctac acacgctgca cctggaccgc tgcggcctgc 600

```

aggagctggg cccggggctg ttccgcggcc tggtcgccct gcagtacctc tacctgcagg 660
acaacgcgct gcaggcactg cctgatgaca ccttccgcga cctgggcaac ctcacacacc 720
tcttcctgca cggcaaccgc atctccagcg tgcccagcg cgccttccgt gggctgcaca 780
gcctcgaccg tctcctaactg caccagaacc gcgtggccca tgtgcacccg catgccttcc 840
gtgaccttgg ccgcctcatg acactctatc tgtttgccaa caatctatca gcgtgcccc 900
ctgaggccct ggccccctg cgtgccctgc agtacctgag gctcaacgac aaccctggg 960
tgtgtgactg ccgggcacgc ccaactctggg cctggctgca gaagtccgc ggctcctcct 1020
ccgaggtgcc ctgcagcctc ccgcaacgcc tggctggccg tgacctcaaa cgcctagctg 1080
ccaatgacct gcagggtctg gctgtggcca ccggccctta ccatcccatc tggaccggca 1140
gggccaccga tgaggagccg ctggggcttc ccaagtgtctg ccagccagat gccgctgaca 1200
aggcctcagt actggagcct ggaagaccag cttcggcagg caatgcgctg aagggacgcg 1260
tgccgcccgg tgacagcccg ccgggcaacg gctctggccc acggcacatc aatgactcac 1320
cctttggggac tctgcctggc tctgctgagc ccccgctcac tgcagtgcgg cccgagggct 1380
ccgagccacc aggggttcccc acctcgggcc ctgcgggag gccaggctgt tcacgcaaga 1440
accgaccccg cagccactgc cgtctgggcc aggcaggcag cgggggtggc gggactgggtg 1500
actcaaaagg ctgaggtgcc ctaccagacc tcacctgcag cctcaccccc ctgggcctgg 1560
cgctggtgct gtggaanagt gcttggggccc tgcttgaccc ccagcggaca caagagcgtg 1620
cttcagcagc ccaggtgtgt gtaacatacg gggctctctc ccaacgccgc caagccagcc 1680
ggcgggccga acccggtggg caggccaggc caggctctcc ctgatggacg cctgccgccc 1740
gccaccccca tctccacccc atcatgttta cagggttcgg cggcagcgtt tgttccagaa 1800
cgccgctctc caccagatc gcggtatata gagatatgca ttttatttta cttgtgtaaa 1860
aatatcggac gacgtggaat aaagagctct tttcttaaaa aaaaaa 1906

```

```

<210> 268
<211> 1402
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1387)...(1256)
<223> similar to gi222811 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 268
ctagttcgac atctcgcgcg gcctcgggag ctgcccggcg gccccggacc gaggcagccc 60
tcccctttaa aagaagcggg ggacaggatt gggatccttg aaacccgaaa cccagaaaca 120
gcatcggagc ggaaaccaga ggggaaacct tgaactcctc cagacaattg cttccgggga 180
gttgcgaggg agcgaggggg aataaaggac ccgcgaggaa gggcccgcgg atggcgcgtc 240
cctgaggggtc gtggcgagtt cgcggagcgt ggggaaggagc ggaccctgct ctccccgggc 300
tgcgggccat ggccacggcg gagcggagag ccctcggcat cggcttccag tggctctctt 360
tgggcactct ggtgctcatc tgcgcggggc aagggggacg cagggaggat ggggggtccag 420
cctgctacgg cggattttgac ctgtacttca ttttggaaca atcaggaagt gtgctgcacc 480
actggaatga aatctattac tttgtggaac agttgggtca caaattcatc agcccacagt 540
tgagaatgtc ctttattgtt ttctccaccc gaggaacaac cttaatgaaa ctgacagaag 600
acagagaaca aatccgtcaa ggcctagaag aactccagaa agttctgcca ggaggagaca 660
cttacatgca tgaaggattt gaaagggcca gtgagcagat ttattatgaa aacagacaag 720
ggtacaggac agccagcgtc atcattgctt tgactgatgg agaactccat gaagatctct 780
ttttctattc agagagggag gctaataagg ctcgagatct tgggtgcaatt gtttactgtg 840
ttgggtgtgaa agatttcaat gagacacagc tggcccggat tgcggacagt aaggatcatg 900

```

tgtttcccgt	gaatgacggc	tttcaggctc	tgcaaggcat	catccactca	atthttgaaga	960
agtcctgcat	cgaaattcta	gcagctgaac	catccaccat	atgtgcagga	gagtcatttc	1020
aagttgtcgt	gagaggaaac	ggcttccgac	atgcccgcaa	cgtggacagg	gtcctctgca	1080
gcttcaagat	caatgactcg	gtcacactca	gtaagtcctt	gcagagtcca	tgggttttctt	1140
cgacaagtgg	cttcaaggaa	gggaattccc	acccttgctc	tccagcaagg	ccacacacat	1200
gaaaccagca	gaaaagagtc	ttattttgctg	gaaagacccc	cagcaagggc	atagtggagcc	1260
cttacagtgg	ttccagtcag	aaaaggcacc	acttggtggg	cacagcccca	tgggtgttcc	1320
aacttggtaa	gcagagcaag	gctggacttg	agttcccgtc	cttcacaaaa	cacagagcca	1380
caagccccag	gcctgcagca	gg				1402

<210> 269  
 <211> 823  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (4)...(592)  
 <223> similar to gi4519270 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 269	
tgtaagcatt	gtggaatggg attcacatct gccaggattt tccaaataca tgaaagaaca 60
caaattgggag	agaacccta tgaatgtaag gaatgcggaa aagcattcaa ttatttttct 120
tccttgcata	tacacgcaag gactcatatg ggagagaagc catatgaatg taaggattgt 180
gggaaagcat	tcagctagcc tggttccttt tatggacatg aatagactca cactggaagg 240
aagcactatg	aatgcaagca atgtggcaaa actttcacat tttccagttc ttttcgatat 300
catgaaagga	ctcacactgg ggagaaaacc tatcaatgta agcagtgtgg gaaagccttc 360
attcctttta	cttcttttca atgtcatgaa aggactcaca cgggagagaa accctatgag 420
tgtattctag	ttccgtttga tatcatgaaa ggacttacac tggagtgaaa ccctatgaat 480
gtaagcaatg	tgggaaagcc ttcagatgtg cctcgcacct tcaacggcat ggaagggttc 540
acacttgga	gaaactctat gaatgtaagc agtatgggaa agccttcaga tctgccaaga 600
ttctttgaat	acagataatt aatgtaaaca attatcataa gtatactaac atgttattct 660
ttttaataaa	gaaggataaa taaaatatcc cattgggttt atgtattaga tcaagcttat 720
aatgttacat	tgttattatt tggacattgt gagtcagtat taccatgtgg ataaaatgcc 780
aggcatcttt	ttcctcatgg aaagtttact ttttgcaccg ggc 823

<210> 270  
 <211> 2023  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2026)...(545)  
 <223> similar to gi575322 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

007270 "E248460

```

<400> 270
tttttttttt ttgaaggcaa aagtgtttat tcaagacttt ctaccacact gtgggaagca      60
tcgataaaca gtcataataa ttatcattct gagtcactgc aagcgtgggg ttggatgctg      120
gctctcacag tagcctgtgt tgggaccatg agcagccatg cgcacctcca cgcacggccg      180
agctcaaccc gaagaccacg cgtgctccct ggcaggagca ggaggcctga ccacagacgc      240
agcagctccc cagcctgagc ctgggagtgcc accagccagc tcgcagcggg ggccgtttct      300
cctcacaggc tggagtgagc tcagagtcta gaggtcagag gacctcagac taagagctgc      360
aacagaacga cagcaagaac attctggaaa cgatgccaca gtgaatcttt tatactgtca      420
ctcacacttg gtgaggccct cagacatgaa accctgggga gaggcgagtg tgacctccag      480
agtttggtct ggatgcggct gagacagacc tgctgctggc cgaggagggc agtggctggc      540
gtggccctca tggccagcag gtgctaggac tcctctggag gcccaggcgc ctgtctaagc      600
tgccggctgt ggaccacctg cagagctccc cccgcagcct ggcggagctg ggcatccagg      660
gcgccacgga ggtcgttcac ctggacatca ggcagggggt taaggccaat gatgacccca      720
tccctcgggg ccagctgacc ctctgcatga gggccaaggt cccgccgtcg cctccggagg      780
tcggagccag cctgcagttt caggtcccgg ttgggcttgg cattgtccgg cctctggccc      840
cccgggacag ctctgttgag ccccagctct ggctctggcc tctgcctggg ctctgggaca      900
gcagcgtcct cccgcctct cggctgctcg tgggacacag gcacatggtc ccccccgcgg      960
gcctttctca tctcagggtg accgccatgg tccagccggt ggccctgctg tccaccctgc     1020
tcgccatcag agatgacccg cagttccggc tggcgtaaca cagcctgggg ctgtgcagct     1080
gtcctttccg cccacccggg caggtccgct gcaaggccca ggtctcggct cacttgcttg     1140
ggcttcatgc gaggggtccc cgtctctgct cctggccctg ccacgagcca gttggcttcc     1200
ttcagaatgc tggtgccagt ggctgccacc tccttcccag gttttttcct gtcttgggaa     1260
ccgccagtaa cgtcctgact ttgccagggt aattcctctg cgaggcgctc ctctgggccc     1320
ccggcttccc tggcggggtc tggcacgggc acctgctccg ggcccttggt gagtccttc     1380
acagtgccag ctgccctggg ggcggcatcc ttctggccat ctctcagctt gccctgggct     1440
gcccgaggct ctgtgtcagg gccgcgtca ggaggccag cagggtctct gccacaggc     1500
ccctcagagt gctccaggga gcgctggtta aggtcctggg atggagcagg gcggcccca     1560
ggagctctga ggacagggtc caaaggcagg ggaggcagat tctccaccgt ctccctggcc     1620
ttgccttcag gggcctcctg gcctctgggc accgctgccc cgggctcttg atgcacctcc     1680
acctgcctgg gtttatcctc ctctgctctc tgctctgctt ggtggatctc cttgtgctgc     1740
tcctcgatca ccgccagcag cttctcctgc tgggtccagca agcgcttttg ctgcacctgc     1800
tgttctttga tcacctgaag caggacggcg tgggtccagca tctccgccct gccagcttcc     1860
tccagctggc tggccgctg gtttccaccc gctcgtcca cgtccctctg ctgcgcaggc     1920
tcgggcgggc agccaggcc ctggagccgg cttctccgct gggaggggag gcttcccacc     1980
gtggtcgctg tcctctgcgg gctgccctgt gtccccggcg gcg                                     2023

```

```

<210> 271
<211> 870
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(871)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature

```

<222> (1)...(870)  
 <223> similar to gil80359 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 271

```
ccttggaag cccccaagga gcataagtac aaagctgaag agcacacagt cgttctcact 60
gtcaccgggg agccctgcca cttccccttc cagtaccacc ggcagctgta ccacaaatgt 120
accacaagg gccggccagg ccctcagccc tgggtgtgcta ccacccccaa ctttgatcag 180
gaccagcgat ggggatactg tttggagccc aagaaagtga aagaccactg cagcaaacac 240
agccctgcc agaaaggagg gacctgtgtg aacatgcca ggcggcccca ctgtctctgt 300
ccacaacacc tctactggaaa cctactgccag aaagagaagt gctttgagcc tcagcttctc 360
cggtttttcc acaagaatga gatatggtat agaactgagc aagcagctgt ggccagatgc 420
cagtgcagg gtcctgatgc cctactgccag cggctggcca gccaggcctg ccgcaccaac 480
ccgtgcctcc atgggggtcg ctgcctagag gtggagggcc accgcctgtg cctactgccg 540
gtgggctaca ccggaccctt ctgcgacgtg ggtgagttag ggtctggggc aagcagaagg 600
ccagcccca ggtgggacgg gcttgccagg aaggaggagg gagagtgcgg aaagcagatg 660
agagggaggc aggagagccc agccttggct gccaggagg ccccttttct cctcagacac 720
caaggcaagc tgctatgatg gccgcgggct cagctaccgc ggnctggcca ggaccacgct 780
ctcggtgcc cctgcagccg tggccctcga ggccacctaa ccgaacgtga ctgccgaaca 840
agcgcggaac ttgggactgg gccgncaccc 870
```

<210> 272

<211> 1420

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (408)...(1423)

<223> similar to gill196433 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 272

```
aaaactatta aaactgataa agcgagttca tccaggtcgt agaatacaag accaatgtgc 60
aatgatcatt gcattttgtt tttgtttgtt tgtttttttt tgagacagag tctcactctt 120
gtcagagactg ggggtgtagtg gcgccatctt ggctcactgc aacctctgcc tcccaggttc 180
acgcaattca catgcctcag ccacctgagt agcagggatt acagggtgtgt gccaccatgc 240
ctggctaatt tttagtattt ttagtagaga tgggattttc ccttgttggg caggctagtc 300
atgaactcct ggctcaagc gatccacca tcttggcctc ccagagtgtt gggattacag 360
gtgtgaatca ccatactcag cctcaattgt atttctgtac acctctaaat aaatggaaat 420
acattccatg ttcattgaatc agaagacata agatgacat actcccaaaa ctgatctaca 480
ggttaaatgt aattccatt aattccagct ggtttctttg ctgattctaa aattcatatg 540
gaaatttcag gaacacagaa tattaggaag aatcttgaag gagtttgaat gaccaccct 600
tcttgatttt aagtatacag aactacagta atgaatgtgt tgtactggta taaaggtaga 660
catataggtc aatatagatc aatggcatag aattgagaat tcagaaaaaa agccttcacg 720
tttatggcca gttgatttta aaccagagtg ccaagacaat tcaatgggaa aaggaaacag 780
tctttgaacc aactgtcttc tggatctatt ggatatctat gtaaaaaaga gtgacatttg 840
```

attcctactt	cacatgatat	ttaagaagta	acttaagatg	gatcaaatac	ctaaatgtaa	900
gctaaagcta	taaaactctt	agaagaaaac	atagacgtaa	atctttgtga	ctttggatta	960
ggcaaggatt	tcttaaata	acccaaagca	taggcaacaa	aagagaatac	acaaactgga	1020
cttcatcaaa	actaaaaact	gttgtttgaa	atgacaccat	caagaaagt	aaaagacagc	1080
ttacagaatg	ggagaaaata	tttgcaaata	ataaatgtga	taagggactt	gtatcttgg	1140
ggtatataaa	gaactcgtaa	ctcaattata	aaaagacaac	tttgaaatgg	gcaaaatagc	1200
tcaacaggct	tttctgcaaa	gaagaaatac	aatgaccaa	gaagcacatt	taaaaatttt	1260
cagtactatt	actcatcagg	aaaatgcaaa	tcaaaaccac	aagacaccca	atgtctacaa	1320
tcaaaaagat	aataactagt	attgatgagg	atgtggagaa	attgaaattc	tcataacatg	1380
ctgggtagga	atgtaaaatg	gggcagccac	tttgggaaaa			1420

```

<210> 273
<211> 536
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (11)...(194)
<223> similar to gi407139 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 273						
gttaccctact	aaaactcttg	aaggcatggg	agcagttcat	gctctccgag	gtgaagtgg	60
cagcatcaag	attcctttca	gtggcaaac	agatcctgtg	atcaccttaa	aatgagaggc	120
aggactggct	aggtgatgcc	taaggatgat	tcccagcctt	gacatgctgg	tattctcaca	180
tatcctatcc	gtggctgata	tagtctgtgc	ggatgaaaat	tccaaaaccg	aagacaggat	240
ttcgcacttg	ctaaagttgg	agctcccagg	cgctgagatc	caatttgggc	ctgggagagt	300
ggggaggagg	agcaatctgc	ccagtgaagg	agagctgcgc	taaaggcaag	gttttacttc	360
tttttatccc	ttagcgaaaa	gccactgcc	tctgaaagta	gcacggtgtg	gccacacgga	420
cacatggggg	aagtcagtca	gaggcgctcc	aacagaacgg	ccagaagccc	ctttcctggc	480
ttaccaggca	gcctcctcgt	gccgaattcc	tgcagcgcg	cggcgagggg	tctatt	536

```

<210> 274
<211> 452
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (23)...(378)
<223> similar to gill196433 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 274  
cagttgctaa aaaaacccaa gtataaatct aacaaaacat gtacaggact tcaattgtac 60  
atgttttgtg gcagaaaact acaaaacatt gatgaaataa accaaataag atctaaataa 120  
atggaaaaac atagtgtgtt tgtggattag aagattcaat ataataaaga agtcaattat 180  
ttgccaattt acatagaagt ttaatgcaat tcctatcaga atcccagcaa gatttttgtgta 240  
gatatagaca cgattattct aaaatttata tgaaaatgca aaggaaccag aatagctaaa 300  
ataactttgt aaaagaataa taaagtggga ggaatcaatc tacctgattt caagatttat 360  
tatagagctg tcgtattttac agagtgatag acacatagat caatgaaaca aatagagaac 420  
ctagaaacag actcacaaaa atatgcccaa cc 452

<210> 275  
<211> 421  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (74)...(420)  
<223> similar to gi4583537 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 275  
attaagccta gccctagccc ttttaaggtg cactgtgtgg aacggcccag gctccccaaa 60  
tctaaacttc tcactcttca ccatccagtt ttcaaggcac tgtgaagccc ctgatgcgaa 120  
acagcagtta ccgcaggcca tggaggagcg ggcacagctg aaagcacatc tagggcaggt 180  
aatggagtca gttagataac tacaaacgga gagagatacg tatgctgaaa atctgaaaagg 240  
agggagggcc atgtggtgtc agaggaagca acagatgtcg gagcagcagg gccctccaag 300  
gtggagcagc agctacaagc agaggctgac cacctgcaga aggagctgga gagtctggca 360  
gctccgagcc caggagcaag acactgaggg cttcagtcac ccgaaccagg aggtggagga 420  
g 421

<210> 276  
<211> 446  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (28)...(421)  
<223> similar to gil334115 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 276
caaaaacata tataaatgtt tttagaaata gacaaatcca cgataatagc tggagatgtc      60
aacacccctc tatcagtaac tgacagattc agcaagcaga aaatcaggag gatatagttc      120
aactgaatag taccatccat caactggatg tactaacatt aatagaatac ttcctctaac      180
aacagcagaa tatacattct tctcccactt gtatagaaca ttcaccaaata agaccacatt      240
ctggggccata tgacacacct taacaaagggt aaaagaatag aaatcatata aagcatgctc      300
tcagaccata atggaattca accagaaatc agtaacagaa agatagctgg aaaatcccca      360
aatacttaga gatctaaaaa cacacttata aataaacaca ggagtcacaaa aaggaattcc      420
accgcacgga ctactggtca tctatt                                     446

```

```

<210> 277
<211> 2139
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (22)...(2139)
<223> similar to gi4887715 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 277
ggaattcgcc tgttgaggcc tgggccagga cctgagggcc gagaggcatt ttctctgaac      60
agctcttcag gggagttgag tgcgcgagtg ccctttgact atgagcacac agaaagcttc      120
cggctgctgg tgggggctgc tgatgctggg aatctctcag cctctgtcac tgtgtcggtg      180
ctaatactg gagaggatga gtatgacctt gtatttcttg caccagcttt ccacttccaa      240
gtgcccgaag gtgcccggcg tggccacagc ttgggtcacg tgcaggccac agatgaggat      300
gggggtgccc atggcctggt tctgtattcc cttgccacct cttcccccta ttttggtatt      360
aaccagacta caggagccct gtacctgcgg gtggacagtc gggcaccagg cagcggaaca      420
gccacctctg ggggtggggg ccggacccgg cgggaagcac cacgggagct gaggctggag      480
gtgatagcac gggggcctct gcctgggtcc cggagtgcga cagtgcctgt gaccgtggat      540
atcacccaca ccgcactggg cctggcacct gacctcaacc tgctattagt agggggccgt      600
ggcagcctcc ttgggagttg tgggtggtgct tgcactggca gccctggtcc taggacttgt      660
tcggggcccg agccgcaagg ctgaggcagc ccctggccca atgtcacagg cagcaccctc      720
agccagtgc tactgcaga aactgggccc ggagccacct agtccaccac cctctgagca      780
cctctatcac cagactcttc ccagctatgg tgggccagga gctggaggac cctacccccg      840
tggtggtccc ttggaccttc cacattcaag tggccgagga tcatcagagg ctgcagagga      900
tgatgagatc cgcagatca atgagttccc ccgtgtggcc agtgtggcct cctctctggc      960
tgcccgtggc cctgactcag gcatccagca ggatgcagat ggtctgagt acacatcctg      1020
cgaaccacct gccctgaca cctggtataa gggccgaaag gcagggctgc tgctgccagg      1080
tgcaggagcc actctctaca gagaggagg gccccagcc actgccacag ccttccctgg      1140
gggctgtggc ctgagccctg caccactgg cagctatggc tcccagcag atggaagcc      1200
atgtgtggca ggtgcgctga cagccattgt ggccggcgag gaggagctcc gtggcagcta      1260
taactgggac tacctgctga gctggtgccc tcagttccaa cactggcca gtgtcttcac      1320
agagatcgct cggtcaagg atgaagctcg gccatgtccc ccagctcccc gtatcgaccc      1380
accacccctc atcactgccg tggccacccc aggagccaag tctgtgcccc ccaagccagc      1440
aaacacagct gcagcccggg ccatcttccc accagcttct caccgctccc ccatcagcca      1500
tgaaggctcc ctgtcctcag ctgccatgtc cccagcttct tcacctctc tgtctctct      1560
ggctgctcgc tcaccgcttg tctcaccatt tgggggtggc cagggctcct cagcctcagc      1620
actcagcgca gagtctggcc tggagccacc tgatgacag gagctgcaca tctagctgtg      1680

```





<221> misc\_feature  
 <222> (75)...(626)  
 <223> similar to gi3882259 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 279  
 cgggacgctt aacgttgaaa cccttattga tagcctatac agtgaggagg aattctgctg 60  
 agctttctga ctttgaggaa tgcgaggaga cgggagagct ctttgaggag cctgcccccc 120  
 aagccctggc cacgaggggc ctcccctgcc ctgcacacgt ggtatttcgc tatcaggcag 180  
 ggcgtgagga tgagctgaca atcacggagg gtgagtggct ggaggtcata gaggagggag 240  
 atgctgacga atgggtcaag gctcggaaac agcacggcga ggtaggcttt gtccctgagc 300  
 gatatctcaa cttcccggac ctctccctcc cagagagcag ccaagacagt gacaatccct 360  
 gcggggcaga gccacagca ttcttgccac aggccctgta cagctacacc ggacagagtg 420  
 cagaggagct gagcttccct gagggggcac tcatccgtct gctgccccgg gcccaaagat 480  
 ggagtagatg acggcttctg gaggggagaa ttttggggcc gtgttggggg cttcccctcc 540  
 ctgcttggtt ggaagaactg ctttggtccc ccanggaaac ttgaactctc tggaccctga 600  
 acanatgctg gcgtcccctt ctctct 626

<210> 280  
 <211> 1270  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (202)...(633)  
 <223> similar to gi5305335 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 280  
 aagttcggca ctaggtggac gcccctatcc ctccatgctc tcgcagcccc actgatggac 60  
 ggttgtggaa ccactcccgg gcctcatggt tacaagagaga ccgagagccc atcgtccagg 120  
 gtcacaggga tggcaggtgg cagagaggac acaaatgagt ctgcaaccct caatgtctga 180  
 aactcaatag ctggaagacg gataccccca gcccctgccc ctccccgagg tcccacctat 240  
 ccacctatgt taccggggga ggggagaagt catagctgga actctggggg tttcccagaa 300  
 ccagccctgc tgactgcgaa cagcgtccca gcatggagag gctgagaaca gtacgtaccc 360  
 taagacctgg aaaagattgg ggcacaaatc cagcgtcggc acagccatca cacacggcca 420  
 caccagaga gccaccatg gcctgggaag cagggctgac acccgacct ccctgggctg 480  
 cccagatgag ggcgggtgaa cagaagggca gccagggcc atgtgtcagg attcgggcca 540  
 cctgcccagg cagcccagag ctccaccacac cccccccac cctcaactgc acagcaggg 600  
 ccctcagcag ccccctgcgt cacacggacc aatgacctac aactgagcc ggggctcatg 660  
 ccaactgaaa attgggaccc ggcccagtct gccggtttag ttgctgagat gatgtgggga 720  
 gcgggacaga gcacgtggat gcagagaggc agagctgcca gatgggcatg tccccaaagac 780  
 aacagcttcc ttgggatcag agcggccggg acagcacacc agccaaggga agcgtgtcag 840  
 ctccaaaagc gggcctcggg cgttttgggc gactggctgc caggcttagg tcaggagctg 900  
 ggtacatgca cagacaaggg acgaaggaa acgagccagg aaggggtcca aatccatata 960  
 ggaatgtact ttgtgagaaa ggtgggattt cacagctgta agcaaaagac aggtgctctc 1020

```

gacaggtggg gctgagaaga aaactgagcc aagatctaaa aaaaaaatta catcagctcc 1080
atcccacccat gttacataat aacatgctcc agctggatca aagcttcaac catggaaaca 1140
agcaagcagt caaggagaag ccagaagaaa agctctggag gccgggcacg gtggctcatg 1200
cctggaatcc cagcactttg ggacaggggtc ttgctctctc accaaggctg gagtatagtg 1260
gcccgatcat                                     1270

```

```

<210> 281
<211> 456
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(457)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (456)...()
<223> similar to gi3043708 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 281
cgcgccgttc cataagaaac catcgantga gggcgtagca acnaccagga gctgttnctg 60
tatttttagg agacacggat gtgctgcctc cgttccatct ctgaaggagt ttcagaagcc 120
tgagcagccc actccaagga aaagccccta tgggtccccct cccactggcc tgtttgatga 180
tgatgatggt gatgatgata acgacttttt ctcgacaccc cacagcatac cttccaaaac 240
aggcaaagtc caatccactg ctgatatctt tggatgatgaa gaaggagatc tgttcaaaga 300
aaaagccgta gcatcgccag aagccacggt taccttacct tccagcaaaa atctcaagcc 360
ctcgtcagaa acaaacactc agaaaggctt attttaggat caggaggact ctgaggattt 420
gttttcttct caaagtgcga gtaacttaaa aggtgc 456

```

```

<210> 282
<211> 1427
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (51)...(1427)
<223> similar to gi3273699 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 282
attgtagaca ttagtcagtg cgggtggaatt ctcagcccca cgtggaggcc ctggaggaag    60
ccctgggtca gatccacata ataaacagtg ccctccagaa gcgagtgagg gcagtggcag    120
ctgatgtccg gacattctcg gagggctaca ttaaggccat tgaggagcat cgggacaagc    180
tgctgaagca gctggaagac atacgggccc agaaggaaaa ttccctgcag ctgcagaagg    240
cccagctgga acagttactg gcagacatgc ggactggagt ggagttcacc gagcacttgc    300
tgaccagcgg ctcagacttg gagatcctca tcaccaagag ggtggtggta gaacggctca    360
ggaagctgaa caaagttaa tatagcaccg gtcttgagg aaatgataag atacgcttct    420
gtcctcagga gaaagcaggc cagtgccgtg gctatgaaat ttatggtacg attaatacca    480
aagaggttga tccagccaaa tgtgtcctac aaggagaaga cctccacaga gcccgggaga    540
aacagacggc ctctttcacc ctgctttgta aggatgccgc aggagaaatc atgggcaggg    600
gaggagacaa cgttcaagtt gccgttgctc ctaaagataa gaaagacagc ccagtcagaa    660
caatggtcca ggataacaag gatgggacat actacatttc ctacaccccc aaggaacctg    720
gcgtctatac tgtgtgggtc tgcattcaaag aacagcatgt gcagggctcg ccattcactg    780
tgatggtgag gagaaagcac cgccacactc caggcgtggt tcactgctgc accttctgct    840
ccagcggggg ccagaaaacc gctcgtctgc cctgtggagg caccatgcca ggtgggtacc    900
taggctgtgg ccatggacac aaaggccacc caggtcatcc ccactggtca tgctgtggaa    960
aatttaatat gaaatctgaa tgcacatgga caggtgggca gagcgacccg aggagtctac   1020
ttaggactgt ggctctctga tgggtttgtg ctcagccttt taaagctgca ggcagcacca   1080
cttgagattt ccagaggacc cagaccttcg ttcattctaa agagactgat agaattaaaa   1140
acaaagtgcc ttatcttgca ctggagttca agtgctcttt tgttattcac tgattgtact   1200
tgtggatggt tgagcacaata aaaccacctc tacatttctc ttaaaggtag gttggcaacg   1260
ttctttttct accacaggat actccttttc attttgtaca gtatggagggt atctattcca   1320
ttggaactga agggcttagg tagtttagtt cctttctgat ataacccttt ttttttcttt   1380
gttttttttt ttaaaggaca gagtctaatt tgtgtccccc ggtggggg                   1427

```

```

<210> 283
<211> 462
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (36)...(464)
<223> similar to gi5817151 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 283
ccccctttga gaccatttga cagcgctgtg gaattcggtg ggaacacgcc cacacgctgg    60
cgatgaaatg catgagacca gaagatgtgt cagtgtctata catcactcag gcccaggaaa    120
tgagagaagca gggcaagtac cgtgaggctg aaagggtgagc cgtggcccca gaggaggtgt    180
agagggagat gagatttcaa ggctgggacg agggatgggg tctgaggatg tgtacctctc    240
gcccagaagg cagtgatagc aggggtcggg tctaggaggc ccagatgta tctccttccc    300
caggctatat gtgacagtac aagagcctga tcttgccatc accatgtaca aaaagcacia    360
gttgatatgat gacatgatcc gcctggtagg gaagcaccat ccagatctcc tcagtgatac    420
acacctacat ctgggcaagg agctggaggc tgaaggccga ct                   462

```

<210> 284  
 <211> 844  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (112)...(844)  
 <223> similar to gi915207 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 284  
 gcgcccagtt gcccgggcac caaatcggag cgcggcgtgc ggtagggccc agagcaggac 60  
 tggaaatgtc ctggccgcgc gcctcctgct cagatacctg ttcccggccc tcctgcttca 120  
 cgggctggga gaggggttctg ccctccttca tccagacagc aggtctcatc ctaggtcctt 180  
 agagaaaaagt gcctggaggg cttttaagga gtcacagtgc catcacatgc tcaaacatct 240  
 ccacaatggg gcaaggatca cagtgcagat gccacctaca atcgagggcc actgggtctc 300  
 cacaggctgt gaagtaaggt caggcccaga gtcatcaca aggtcctaca gattctacca 360  
 caataacacc ttcaaggcct accaatttta ttatggcagc aaccgggtgca caaatccac 420  
 ttatactctc atcatccggg gcaagatccg cctccgccag gcctcctgga tcatccgagg 480  
 gggcacggaa gccgactacc agctgcacaa cgtccagggtg atctgccaca cagaggcggt 540  
 ggccgagaag ctcggccagc aggtgaaccg cacatgcccg ggcttcctcg cagacggggg 600  
 tccctgggtg caggacgtgg cctatgacct ctggcgagag gagaacggct gtgagtgcac 660  
 caaggccgtg aactttgcca tgcataaact tcagctcatc cgggtggaga agcagtagct 720  
 tcaccacaac ctcgaccacc tggtcgagga gctcttcctt ggtgacattc aactgatgc 780  
 caccagagg atgttctacc ggccctccag ttaccagccc cctctgcaga atgccaagtg 840  
 tggg 844

<210> 285  
 <211> 426  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (39)...(416)  
 <223> similar to gi2072967 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 285  
 gaaaagataa ttacaggcac aaatgtcctt gattaacaaa aatcctcaac agactactag 60  
 cacatcaaat tcgacagtac tttaaaagga ccatacagca tgactaggac aatacatcat 120  
 gtaccacaca tcatgggatt catctttggg gtgcaaggat ggcattgacat gtgaatcaat 180  
 taatgtgaaa cattacatta acagaatgaa gaataaaaaat cacatgatca ttttaaatgat 240  
 gcagaaaaag cgtttgacaa aacgtaatat tctttcagta taaaaactca aaaaactaga 300  
 ggtaaaagga atttacctct acataataaa ggtcacatat gataaactcc cagctcgcat 360

tatagcagat gattaaaaaa ctgaaagttt tcctctaaga ttaggaaaaa gatgaagagt	420
ctcccc	426

<210> 286  
 <211> 1693  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1694)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1)...(1693)  
 <223> similar to gi2078441 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 286	
atggatcaga tctctgaaag caaccaccta attcatctta gtagcactaa taatgtaaaa	60
ctcctatctg agatagagtt ccttgtgaac cacatggact tggccaaagg tcatataaag	120
gcccttcagg aaggagatct tgcttcttcc agaggcattg aggcctgcac caatgctgct	180
gatgcccttc tgcagagcat gaatgtagct cttcgaccag gccatgactt gcttctggca	240
gtcaaacagc aacagcagcg attcagtgat ttgcgagagc tttttgcccg gagactggcc	300
agtcacctca acaatgtttt tgttcaacag ggcatgatc agagttcgac tcttgcccaa	360
cactctgttg aactgacttt acccaatcat catccatttc atagagattt gctccgatat	420
gccaaagtga tggagtggct aaagagtaca gattatggaa aatatgaagg actaaciaaag	480
aattacatgg attatttatc ccgactatat gaaagagaaa tcaaagattt ctttgaagtt	540
gcaaagatca agatgactgg cacaactaaa gaaagcaaga agtttggtct tcatggaagt	600
tcggggaaat taactggatc tacttctagt cttaaataagc tcagtgttca gaggttcaggg	660
aatcgagat ctcagtcatc ttccctgttg gatatgggaa acatgtctgc ctctgatctc	720
gatgttgctg acaggaccaaa atttgataag atctttgaac aggtactaag tgaactggag	780
cccctatgtc tggcagaaca ggacttcata agtaaatttt tcaaactaca gcaacatcaa	840
agtatgcctg gaactatggc tgaagcagag gacctggatg gaggaacatt atcacggcca	900
ncataattgt tgggcacacc actgcctgtt tcatctgaga aagatatgat ccgccaatg	960
atgattaaaa tatttcgctg cattgagcca gagctgaaca acctaattgc attaggagac	1020
aaaattgata gctttaactc tctttatatg ttagtcaaaa tgagtcatca tgtgtggact	1080
gcaacaaaat gtggaccctg cttctttcct aagtactaca ttgggaaatg ttttggtgac	1140
tgtcaaaaag aactttgaca aatgcattag taaccaataa aggcacaaatg aagaagtaaa	1200
gatctcaaaa aagagtaaaag ttggaattct tccatttggt gctgaatttg aagaatttgc	1260
tggacttgca gaatcaatct tcaaaaatgc tgagcgctcg ggagacctgg ataaagcata	1320
caccaaactt atcagaggag tatttggttaa tgtggagaaa gtagcaaatg aaagccagaa	1380
gacccccagg gatgtggtta tgatggaaaa ctttcaccat atttttgcaa ctctttctcg	1440
attgaaaatc tcatgtctag aagcagaaaa aaaaaaagcc aaacaaaaat acacagatca	1500
ccttcagtct tatgtcattt actctttagg acaacctctt gaaaaactaa atcatttctt	1560
tgaaggtgtt gaagctcgcg tggcacaggg cataagggag ngaggaagta agttaccaac	1620
ttgcatttaa acaaaacaaga acttcgtaaa gtcattaagg agtaccctgg aaaggaagta	1680
naaaaagggt cta	1693

<210> 287  
 <211> 1927  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (99)...(1379)  
 <223> similar to gil572721 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 287  
 cacggcaaga aaataatata cgaggggtcc cttcactgct gaagagcttc ctccaggagc 60  
 gactgggaat ccacttaatt cgaaggaaga tagtaaagcc taagcatcat gttttgatgt 120  
 ctcggaagga atcatggaag gtgaaaagcg aaatcccaaa ggtgccgaag cagcctctgg 180  
 tgctccatca cccgcgcatg acgacaacca agtctccctc aaaggatatg ctagagccag 240  
 aggcagagct ggctgaagat ctgcccacta ccaaaagcac ttctgtggag tcagagatgc 300  
 ccactgagaa cctggaaggc cattccccgt cttgccggac cttcgtgcca ctgcctccca 360  
 tctgctccaa ctccactgtg catagtgaag agaccctgtc ccacctgagt gacacaactg 420  
 tccgcctcag cccagagcgc ccatcagatg aggactccaa gagcacagag tccatcttcc 480  
 tgacccaggt gagtgaactg ccttcctccg tcatccataa ggatgattta gagttaaagg 540  
 agaaagacca aaagaaacca ccaacggcac ccagagaggt gaaagggact cggaggaaac 600  
 tcccaactgc cttccttccc agcaagtacc acggctatga agaactgctg acagccaagc 660  
 ctgatccagc cttcattgag ccaaagggaa tccagaagaa tgcacaagcc ctgcaacaaa 720  
 tgctgaagca cccactcctg tgccactcct ccaagcccaa gctggacact cttcagaaac 780  
 cctatgttca caaagagaaa cgggcccaga gaatcccgat tccaccccca aagaagacta 840  
 gagcccaact tctggatgac atcttcattc gcttgcgagg tccccggaac attacagagg 900  
 ctccactagg tgctgtcctg caccagtggg cagaacggcg gctgggtgaac cacaagcagt 960  
 acctggaggc caagaggctg ttgaaggagt tccaggcacg ttaccggcag ctggtgagtg 1020  
 gctctctgcg cacagtgttc gggactaccc cgctcccat ggctgcccc gcgctgagtg 1080  
 agagccagcc caagtccggc cacttcctcg agttcatgga tgagttctgc caggagccca 1140  
 cagccagtga ctcaaaaggc tagagctgtg catgggggct gtgtgcacca cccggcctgt 1200  
 gccccagctc tccccgaggg ctctgtgccc tggaccgcac ctcaaggttg accagccggc 1260  
 cacaggcctc agagctcagc tgggccccac ttgctggcca caaggtggca tccccctgtc 1320  
 aggatctccc ctcttgggc caggcatgac ctggtgcctg gccagcggc aataaagagt 1380  
 gggtgacag ggcaatagac tgggtgccac atgcattctt tcttggaacc caggccacag 1440  
 cagcattgtc aacttccct ctaaaaatgg ttttccagtt cagatgcaac agggatacat 1500  
 ttgttctctg ttgtatgaga aactgacacc aaggggatct taacaaattc ctgaacaatg 1560  
 gctccaaaaa agggatattt taaaaaccag atcttgtgag tacagcccta atgtgcaggg 1620  
 acagtgtcat cctgtatatt cgttctttac tcagactctt tcttggttcc ttcattagga 1680  
 gcatgaatgg ttgaatgtga acatgacagt aaattggagc aaactgtaaa ctggacataa 1740  
 cttatgccaa aagacgtagt tgtacaccat ggaaaccca tccctgctcc taatctctac 1800  
 tgccattctg aatgccaaag caagacatcc aacatggggc atctcccaga gcacatacag 1860  
 caccaaaaat ccacacacag cctaagctta acccatgttt ttgtcttgag attgttcacc 1920  
 agagaca 1927

<210> 288  
 <211> 1125  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (137)...(1109)  
 <223> similar to gi2894106 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 288

aaacacacgc	gtccgggccc	ctgcgtcctc	atcggattcc	gacgcctgcg	gagctgagag	60
caatgaggcc	aattcgaagt	ggttggatgc	gcactacgac	ccaatggcca	atatccacac	120
cttttctgcc	tgcctagctg	gtggtagggg	accttggccc	tggtagggcag	cagccccgcc	180
tgaaggtgct	caaaggacca	ctggtgatga	ccgaaagccc	gctacctgct	ctgccagctg	240
ctgctgccac	cttcctcatg	gagcaacatg	agccccggac	cccagctctg	gcacttgctt	300
caggcccttg	tgtctatgtg	tataagaatc	tcagacccta	cttcaagttc	agcctgcccc	360
aattgcctcc	aaatcctctg	gaacaagacc	tttggaaacca	ggccaaagag	gaccgaatcg	420
accccttaac	cctgaaggag	atgctggaga	gcatccggga	gacggcagag	gagcctttgt	480
ccatccagtc	actcagggtt	ctgcagctgg	agctaagtga	aatggaggca	tttgtaaacc	540
aacacaagtc	caactccatc	aagcggcaga	cagtcatcac	caccatgacc	accttgaaga	600
agaacctggc	tgacgaggat	gctgtgtctt	gcctggtgct	gggcaccgag	aacaaggagc	660
tcctggtgct	tgaccccgag	gccttcacca	ttttagccaa	gatgagcctt	cccagcgtcc	720
ccgtcttctt	agaggtttct	ggccagtttg	atggtgagtt	ccggcttgcc	gcggcctgcc	780
gcaatggaaa	catctatatt	ctgagaagag	actccaagca	ccccaaagtac	tgcatcgagc	840
tgagcgccca	gcctgtggga	cttatccggg	tacacaaggt	cctagtgggtg	ggcagcacc	900
aagacagcct	gcatggcttc	acccacaagg	ggaagaagct	gtggacagtg	cagatgccc	960
cagccatcct	gaccatgaac	ctcctggagc	agcattcccc	gggcctgcag	gccgtcatgg	1020
ctgggctggc	caatggagag	gtccgcattt	atcgtgacaa	ggccctgctc	aatgtcatcc	1080
acaccccgga	tgcagtgacc	agcctttgct	ttggccggta	cggcg		1125

<210> 289  
 <211> 654  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (12)...(635)  
 <223> similar to gi3599478 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 289

cggcccatgc	tgctggtgct	gcgcaacatc	aacaccgtgc	gcgctatcaa	cgtggccctc	60
ggcgcccccg	tggaccgcta	cttccttatg	gctaaaaggg	ctgtccgggg	ctggagccgc	120
ctggcgggcg	ccacgtatcg	gggtgtctac	ggcaccagcc	tcctgcgcca	cgccaaggtc	180





<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(977)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (272)...(407)

<223> similar to gi4809337 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 291

gcttttgaga	gggggcttct	gaagcccaga	gaacttcatg	ggccttggac	gggctcagca	60
gagaggtcgg	cctgaccacc	ctggaccagt	atgggtgcct	atcggtaaag	gccagctttt	120
ccaccagcc	tgccactgtg	gggtggggcc	tgccataacc	cctgccctcc	cagctgttct	180
ccttgcatcc	agaagcccct	gcctgatgcc	tggtgagaag	gccatggcca	aggagggctc	240
ggccctgagg	ctgtgtgtgg	cctgtctccc	tcctctgcag	ggtttcagca	gcctgaggct	300
ccggcccatt	cgcacgctga	gctctgccgt	ggagcagctg	aggggctgca	gggtggtcgg	360
ggtcacgcag	aaggtgagtg	agtggacact	cgccttgcag	gagggagaca	gtgtatgcaa	420
tttggggtgg	cgggtggggag	agagacatga	tatgctgaaa	gcaggtctgt	agcagtggcc	480
cccactcctc	cagaggaggt	gggcaggggt	cagtggggag	tgcgagtgca	gttgtttcca	540
gcagttccca	cctctccccc	atccctaaca	cgcattgactt	tggtcctggg	tcctggggag	600
gaaaatgcag	ggaacgggaa	gaggctgatt	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
nnnnnnnnnn	nnnncaagca	ccnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
gacaataaaa	taaaatatat	aaagaagagg	cagacaggcc	ctttccacag	ccctgcagct	840
cagatccaga	aaacctgctc	cttgggagag	ttggggacaga	aactgcggga	ggagcgagga	900
gctatgccca	gggcaccctg	ccagtcctcg	aggccctgct	caaaccact	taaccgcttc	960
ccacagcacc	tgtatt					976

<210> 292

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (72)...(825)

<223> similar to gi5174770 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 292

tttttttttt	cttaaagctt	atttttataaa	gctttttcat	aaaactgggt	gtagttgcac	60
agctactggg	agggcagccg	gggacacctg	agccgcccgc	tgtgccccaga	tccctcaggc	120
tgccctgccat	cagaactgct	gcccggggct	tcccctacct	cagacagacc	ctccctggga	180

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ggatcagtgg ggagtgccac ctctgcccc agtggctgtg gcacgtggca ggggccccctg 240
aagctcagcg agggtcaggg cctgggaggg tatcattgct ggaagaacag gatggggctc 300
aggccagccc tagtcgccgg ggcccacact aacccccac ttatgaattc ctcccactcc 360
caactcacag gggatttccc gagaggggac ctgccaaaga cctcctccag gcctcccatg 420
cttcccggga agtgaagctt ctccccctct ggggcaggct ctgaagcctc ccgatgcacc 480
cagagcaacc ggggggctgc accagccact cgcctcccca gcacggccag gttcccgggg 540
ctggagggtcc cccccaggtc ctgggaacca acctgcagaa cacacacagg gtcccctgga 600
gaggacgcgg ggacttccag ggcccgactc ctgtgagtca cagccccgca gctgctgcgc 660
cacccccacc ctgactcatg ccccttccca gcagctcctc ccaggacccc atgtccttcc 720
cacatccgca ggaagggagt gcctggactc tccaggccca cctggggagc ccctcacctg 780
accaccagcc cctgagcagc ccagtaacac catccccgga attcc 825

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<210> 293
<211> 1338
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (54)...(1330)
<223> similar to gi557822 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 293
ttgggagtaa agagcccgtc cgcagcctgc atcgccgggg ctcgggacat aagtcacg 60
cggggaaatg gggctctgtc actttaagta cagctggagc cctgggatga aagcagctcc 120
atcagtagtg gactcagcga tgcctcagac aatctcagtt cagaagaatt caatgccagc 180
tcctcactca actccctccc aagtactccc actgcttctc gcaggaactc aacaatagtg 240
ctacgcacag actcagagaa gcgctcactg gcagaaagtg ggctgagctg gtttagtgaa 300
tcagaggaga aagcccctaa aaaactggag tacgacagtg gtagcctgaa gatggaacct 360
gggacttcta agtggcggag ggagcggcct gagagctgtg atgattcatc caagggtgga 420
gaactgaaaa agcccatcag cctggggccac cctgggttccc tgaagaaggg caagacccca 480
cctgtggctg taacttcccc catcactcac acagcccaga gtgccctcaa agtcgcaggc 540
aaacctgagg gcaaagctac agacaagggt aagcttgagc tgaagaatac tgggctccaa 600
cgctcctcct ctgatgctgg tcgggaccgc ctgagtgatg ctaagaagcc cccctcgggc 660
attgctcgcc cctccacttc gggatccttt ggctacaaga agcctcctcc tgccacaggc 720
acagccactg tcatgcaaac tgggtggttca gccactctca gcaagatcca gaagtcctca 780
ggcatccctg tcaagccagt aaatgggcgc aagactagct tagatgtttc caacagtgca 840
gagccaggat tcctggctcc tggagcccgt tctaacatcc agtaccgcag cctgccccgg 900
ccagccaagt caagtcttat gagegtgacc ggcgggcggg gtggacctcg ccctgtgagc 960
agcagcattg accccagtct cctcagcacc aagcaggagag gccttacgcc ttccagactg 1020
aaggagccta ccaaggtagc cagtggcgga accactccag cccctgtcaa tcagacagat 1080
cgggaaaagg agaaggccaa agccaaggca gtggccttgg actcagacaa catctccttg 1140
aagagtattg gctccccaga aagtactccc aagaaccaag caagccaccc cacagccacc 1200
aagctggcag agctgccacc aacccctctc agggccacag cgaagagctt tgtcaaacca 1260
ccctcactag ccaatcttga caaggtaaac tccaacagtc tggatctacc atcatccagt 1320
gataaccacc aatgtatt
1338

```

<210> 294  
 <211> 1714  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1715)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (252)...(1665)  
 <223> similar to gi264 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 294  
 aggcgangnn nngnnnnnnn attgagancc ttgngnattg agcngcgttg cggancccca 60  
 tgcagagtgg tgcccaaaaa ccccccttcc agagtcattc ctggtccacc ttgaagtccc 120  
 caggaaaaatg acctcgtcct ccgcgggtgt gagccactag gcctgagagg acgccggggac 180  
 ggagctttca gagagggagg tgctcgggatg gcttgagggt caccagggtat taattaagca 240  
 cttgctgtgt gccaggcact ttccacacaca ggatggagcc gggccaccct cacagctcct 300  
 gccctgcaga cgctggcctt gtggagggag gcaggcagca ggagcagtgc tttctgggcc 360  
 tctgtagcca gagctggccc tgctgcagct tacgtctgcc tgcagcccag acgtcctcct 420  
 ggtcctcctg atgccccga cctccacgga ggacgagcat ttccagccca gccctcccca 480  
 tcttcacctc gcactcccct gacacactgg gaggcctctg atccgtgaac ccgcgtggc 540  
 gggagtagct actgaccgct ggggacccct gccaggtctg ttcgcatgtg gaaaggattc 600  
 agggagcagg cgatgcccga agcgtggaga ccagcactgc tctctcccca gtgacagggtg 660  
 cacgcccaga tcacggatgt gtcgggaaca gctgtgctcc tgctgctcag cgtccgtcac 720  
 tccaggctgg gagcgggtcc ccaagcttct ggctgggect atccgtctcc actctcagt 780  
 tgggggtggg gggcgccaac agcacgcatt tgctctctgc acttctctgc tgataatggg 840  
 cagaggggtc ttctgcagcc ccaaaacatc cctaggcagg agccctgggg ccccaagcag 900  
 ccagggagggt gagcaccaag gacctcccag agagcgtcac cttccgtcga gggaggccca 960  
 gcctggggggc ggtgtctgag acttggaatc aacgcttccg ttggtggcag taaatcctgt 1020  
 ccctaaccct gcagtatagc tgtgccgtgt acaggagggt gttgtctgac gccagacacc 1080  
 tggactacag atcgagcct gattcctggt cattgctcca ctgaacccca gacccagacc 1140  
 tcgttctggg ccctcatccc ctagatccag ggacccagc cccatttcag cccttgggcc 1200  
 cttgtaggat gcgaggccct gggccccagc cccagccca tccgtgttcc aggactggg 1260  
 gggctgagggt cctctgagaa gggacacagg gcctgggggg ctctctcagc ccatcagcag 1320  
 gagaggactg actccagaaa aatcagcgtt tgtaccact caggctgcca agacctgtgt 1380  
 ccgtccttcc aagctcaacc ttcagagttc atgaggcgcc cttgccccag aatgtccac 1440  
 agagttcatg aggccccttg aatgtccaca gaggttcatga atgaggctcc ttgcccggaa 1500  
 tgtccacatt tgaaacctcc caacaccgag ccccatctca agtataacca ggagggaata 1560  
 tgggtgcttga aataagcatg ccacaaagga aaacctgctt tctcgaaatg ggccctggcc 1620  
 gccaggccc tgacctcccc ggccaggatg gaacgttcca gagaccatt agtgccaaag 1680  
 gcaaatgaaa acacaccctg tgaaaaaaa aaaa 1714

<210> 295

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<211> 1524
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1525)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (7)...(1335)
<223> similar to gil59714 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 295
ccccaccctt ctgggcccag gattacacac agccacgcga gggagacagc ctgccagcct    60
gctcagagca gcaccctggc ccccatggag ggcagctgcc cagaggtggc cgtcagggcc    120
cagagcttcc atctcacgtg tgcagagccc aggcctggcc ggactgggca ggagccctcc    180
agtgagcgtc cccatgctgg tcaaggggct gggctttggt cagggtcacc gtgggggagg    240
ggccgcacac aaccacacca cgctcccaca gagggagcca cgcctaggtg cccactgcgc    300
ccaagtccac gaggcagtgg gcgtgcaggg ccaactttaa tacgggccgg cctgtctggg    360
ggtcgaggtg gccgctccct ttgtccttgt ggctttccac gggcaggggc ggtcccagcg    420
agatcgtctc ataaccaaac cagccctgtg cacgagaagt cacgccatgc cccacagcct    480
ccggtcctgg ctgctgggtg ctcggggacc cgcagggcag gagggtcccg ggtctcgag    540
ttccatgagc cccagccgcg gggaccccca tggacaaact tccggggctg cacctgcccg    600
agcagcgtct cccaagcatc ggaggtcctt tctcagcagg gctgagccct agtggacaga    660
gccgtgagtg gcaaggcggg agtcagggct ctcgagtcg tcaattcagc aagaaagccc    720
ctggcccgcg accttcaaac tggaggtggg tgtctagggg gcggaggcag aggcacagag    780
aggttcagca catgctgggt tcctggggat cccccacca gcagggaagc tgaggtgcgc    840
cggaagcca ggccaaggga gggacccctt aacggaagcc tgcaccagct aatgggagca    900
gcgaggagca agaggaagcg cggggacccc aagggtctgga ggtgtcttcc tcacagacga    960
gcgcgagcca cgcggggctg ggactgcagg ggaacagcac cagaggcggt gggcctgggc   1020
ctcggccacc gngggagccc acaaccggca gaagctgggc tcggtcgaga gttaatccgg   1080
actgagagca ggccagtggc gcctgagtgc gttcaggctc aaggctctca ggagacgctc   1140
tggagtctc ctgcaatgcg cctgcgtggc tgcagctctg ctacgaccg tgcgactgg   1200
gctccaggga acccggtcag gggctggccg tgacccaaac tctctgtggg ccacagtccc   1260
tggggcatcc ccgtgagtcc cacaagacga ggccacgtta cgaagctgcc accagctccg   1320
cctgcctggg cctggccttg acagggacgt tttctgtgga ggaaacagag atgtttatga   1380
cacgccaag acccacaggc agagacctcc agagagggac gaggccacag ggggtggcaag   1440
ggccagttcc ggggacttcg cactatggaa gggcacgccc agctctgggg gaggcaagtg   1500
acaaacagga agccaatggg gctg                                     1524

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<210> 296
<211> 489
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

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<222> (1)...(490)  
 <223> n = a,t,c or g  
 <220>  
 <221> misc\_feature  
 <222> (3)...(433)  
 <223> similar to gil045574 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 296  
 ccatacctgtt cgagcccaac cagacctggc ccgggcacgt ggctgtgtgg caggacacgt 60  
 gctccatcgt ggccatcttg ctaacatcac gcagaagggtg caccocgtca tctgatctct 120  
 caccagctac cctttgactg caccaggt ctggccgtac ccaagcccat aggtgggggtg 180  
 gtggtctttg tgcagctc gctgttatac ctgaaccaga gcattccccc gtacggtgtg 240  
 gctctcagca gcctcaccac aggcacgcga gctttccgc tgtgcaccca gctgggtgtg 300  
 tgaatcacc tggactgcgc ccaggccacc ttcattctcc atgacaagat ggtcatctcc 360  
 ctcaagggca gtcagatcta catgctgacc ctcatcaccg atggcatgcg tagcgtccga 420  
 gtgttccact tttagaattc cncacactg cctagagggtc tcgatggggn tctatnncgg 480  
 gggcgcgcg 489

<210> 297  
 <211> 777  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (251)...(777)  
 <223> similar to gi409219 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 297  
 agggtaacaga gggcaagggg agctaacggt gctcaagccc acaccctaca tcctcacatc 60  
 aacccctga aggagtgtcc agcacagtcc acagcctccc tgggcgattc tgggttctctg 120  
 gctgggccac ccagagccag gactgggctc cagggtgcagc caagggtgctg tccctgcctc 180  
 gatgtcccc attatcttcc ccagactaca acacggtgca gactgtgggc atgactctgg 240  
 caaccatctt gttcctgctg ggtatcctca tcgtcatcag caagaagggtg aagtgcagga 300  
 aggcggactc cagcccaacc tgcaaactct gtaagtctga gcttccctct tcagccctg 360  
 gtggcgcgcg cgtgtaacac cttcccgagg aaactccgct gccgaccctg cctgagcgcg 420  
 ggagcctgag gaccgggtgg aggcggtggg gaccagccg cgcgccggga gcgctccccg 480  
 gaatgagccg cccacccac ccaaggtctg gagecgctgc accctgctgt cctctccag 540  
 gccttgga tgaatgctcc ccaagagcc cgtctgcacc ccagaccag ggcctcaggc 600  
 ctccagctcc tgggatccg gagtccatcc cggcccagca ccccagcat cccgtgtat 660  
 ggccccctg cactccttg tctatcccc gaagatccgt cccctggcc cctcagtgtc 720  
 catgtcttga gcttaataaa tgtgcatttg gttttttcct ttgaaaaaa aaaaaa 777

<210> 298  
 <211> 419  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (4)...(416)  
 <223> similar to gi5834784 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 298  
 cctgggtggg gacgatcctg ccaaaagggg ggtgcccgagg gtctggactg aagaagctgg 60  
 atgatgtctt cccaagattg ccggggccac gagtcaggaa tcgtcatgga gagaagccaa 120  
 ggaaatagct ccagccgccg aggaccacac tctccgctca gccctctcga ctcacacctc 180  
 ggctgcagta gagggcgagc gggctccgct tttgttccct ggggctggca ggtccgtgtg 240  
 gggccagggc gcgcgggaga cgccgcggag ctgggtatcc cggagagggg atgctcactc 300  
 ctagcggctc cgctggcagc agtagtggcg gtggcagcag aggcagcggg agcaacagca 360  
 gcagtagcag cagcagcagc agtagagata gtgccggctc tctgcaggcc acgaattgc 419

<210> 299  
 <211> 478  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(479)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(445)  
 <223> similar to gil698455 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 299  
 tcctgaaaca tttcttcaaa gaattacaga gaattgtaat ggagatgaaa tatggcttta 60  
 ccagtgtgat cctaaagaca aagcagagtg aaagtgatgc ctaccaagaa acggagtggc 120  
 tccagtcaaa gcaaaagcag accagtcaag agcaaaggtc atagcaacag tttttttttg 180  
 aatgctcagg gcattttgct tgctgacttt ctttaggacc aaagaatgaa aacatctgct 240  
 tattacaaga gtgttttgag aaagttagct aagatgtagc agagtaactc ctgggaaagc 300  
 ttccccagag attcctccac cataatactt ctactccttc ctctcatcag acgagggcaa 360  
 tttttcgaga gtttcaatgg gaaatggtta ggtatccacc ttacagtcct gattggggccc 420

cttctgactt ctttttatatt tatgagacag ncttgctctg gtgcccgggc tggagagc 478

<210> 300  
 <211> 1218  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1212)...(277)  
 <223> similar to gi4960163 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

007270 "52238450  
 <400> 300  
 gggatcaatg gagcccagga cttttgaggc cagcctgggc aacatagcaa gatcccatct 60  
 ctacaaaaga atagaaaaat tagccccagg agtatagctc aggggtagag catttgactg 120  
 caaaaattag ccaggcgtgg agatgtgtgc ctctagcccc agctactcat gaggctgagg 180  
 caggaggact gtttgagcct gggagggtgga ggctgcagtg aactgtgatt gcagtccagc 240  
 ctggatgaca cattgagacc ctgtctctaa aaaagaagga agcccagcgt tcccttctct 300  
 ctccacttcc tgtccccatt gctgtccctg gagtacgggc agcacagggtg aaggcgaggg 360  
 ggacagacag acagcctgcc cctccgtctc ccgtggccct gcagcccacc ctatctgctc 420  
 caggttctga agaaggcctt ccaggccacg ctcagggtggc tcctgagctc acccaagacc 480  
 cccggctgct ctgatctcgg cccctcatc ccgcagttcc tcagagagct gttccctgtg 540  
 ctgcagaaac gcctgtgcca cccctgctgg gaggtgaggg actccgccct cgagttcctg 600  
 acccagctga gcaggcactg gggaggacag gctgacttca gatgcgcact cttggcttca 660  
 gaggtgcctc agctggccct gcagctcctc caggaccctg agagttatgt ccgagcgagt 720  
 gcagtgaccg ccatggggca gctgtccagc cagggcctgc acgccccac cagccctgag 780  
 catgcagagg cccggcagag cctgttcctg gagctcctgc acatcctctc cgtagactcg 840  
 gagggcttcc cacggcgggc ggtcatgcaa gtcttctactg agtggctgcg ggacggccac 900  
 gccgacgcgg cccaggacac ggagcagttc gtggccactg tgctgcaggc ggcgagccgg 960  
 gacctggact gggagggtccg cgcccagggc ctggagctgg ccctcgtgtt cctggggccag 1020  
 actttggggc cgccgcgtac cactgcccc tatgccgtgg ccctaccgga ggtggcccca 1080  
 gccagccac tcaccgaggc actgagggct ctctgccacg tggggctctt tgacttcgcc 1140  
 ttttgtgcct tgtttgactg cgaccgccct gtggcgcaaa agtctgtgac ctgcttctct 1200  
 cctgagggac aagattgt 1218

<210> 301  
 <211> 1087  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1088)  
 <223> n = a,t,c or g



<220>  
 <221> misc\_feature  
 <222> (1087)...(270)  
 <223> similar to gi3044086 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 301  
 ttttttttta gcaatatata tatataattt atttacattc acgcccgata aaacccttat 60  
 gtgccccggc ggccggcaaa ggctgtgtac ataaggccaa gagtaagtgc gtgaatgcac 120  
 ttaagacaaa gtcaaggaca cgagcttcac atgacaggcc ccgctggggc gaccagcca 180  
 gacctggggg acgggcacgc cagccacac acacactcac cactgtacag cctgggactc 240  
 ccattgcata ttcacaggcc ccgcccgggca gggcacctca aggctggggg aggggcaggg 300  
 gcagggagga gccgtggggg gtccctgggt ggggtggagag ggcagcatgt gagaggcaaa 360  
 tgtgcaccaa cactgggcgt gagacgtgag cagcctcagg tgtacggcat gagatgtgtg 420  
 tggttggggg gtgtctgcgt gaccgggag gggggtgtgt gtgagatgag cacacgaggc 480  
 atgctgggca cgtgctcgtg tgggtggtcgt gtgcctgaat ccaggggcta cccctgtcc 540  
 ggctgtggcc ctcggctctg caggcttgga gcaggggccc tcagacgtgc ccctaccag 600  
 caggcacaga aatgtttgca taaggccag ctcaggcagg agctctgggg ccctggccca 660  
 ggcccagtgt gtgcgtgcat ggccgtgtgt atgcggggcc cctggagagg gacgggagga 720  
 gaggtagcat cacacgcaca tacacataca cagatgggct gggcctggcc caggctccag 780  
 gcactgtccc tcctggggccc tggggccgag tgtgagtggc agtgccagcc tggctaggca 840  
 ggccatggag aggtgggagt tcgggcaggg tctgaaggac cagcattaag ggacagcttc 900  
 ggccgggagg gggcctgtcc gagcagctct ccccggtgtg gggaaggggc cctgtccggc 960  
 ttctgcctgt ccttggtggg tgccaaagct ggtgagagt taggtgtcgg gcctggccgg 1020  
 cctcagcgt cagtgaattc nccnctcggc ctagggtcta cgattctcaa ttnnnnnggg 1080  
 cggggggg 1087

<210> 302  
 <211> 1243  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1244)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (1243)...(55)  
 <223> similar to gi57829 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 302  
 agcggccgcc cggggccccc cccccagga aagcctccag ctcatcggca gccgtcctct 60  
 ccctgctgcg cggggggcgc tgetgcgcgc gtcgcgcgtc ctcttgccc tctccttgt 120  
 ccttgctctt cttgtgtttg ctcttcttct tggcagcttt ttcttcttcc tctttgcctt 180

ttttcttctt	cttcttattc	tccttagagg	gggttttgcc	ctccttacct	tcctcactgc	240
tctccttggg	tccggcctcc	tccagcccca	gcccgaagag	gtccgagtca	ttcttcagtc	300
tgaaggcggg	aagagggagc	ttgggggggtg	ggggcggtc	ggcagggccc	tcctcctcgt	360
cagtcacatc	ggaggggtca	tctcgcacgg	gaaagtcac	cgccctgcgc	tgtgtgtctg	420
atccctcgt	ctcaaagtcg	gggtcatcca	tgacgaagga	cagcatttgt	gcagcaatgg	480
gtccctcggg	gtcactctcc	gacgaggagg	cctgtctacc	cttccccggc	tccatctcag	540
cagggggcct	ggtgctgctg	cgcttctccg	gacctgtgcg	aacagagaca	ccgcctggcc	600
aggggggtgc	tgcggtcctc	gtgggagctg	tccccctccg	tggcttcgaa	gctggtatgg	660
aggaccactt	ggtctctggc	tctgagcact	gctggggagc	tggggcaggg	ccttttgtgg	720
gagctgccac	ttctgcttcc	tctcactcgc	aaagagtgat	gtcttgactg	gggacggggc	780
ctgcaggcag	cgggggactc	ccacgtggct	ggtcttcgag	gtccacatcg	tcctggaacc	840
ctgccaccat	cgggttgccg	cccagggcct	ccccatcact	gtcgtgttcc	tgctgggcag	900
ccttgggccc	caccttcttc	tctgtccctg	cggggggtgt	gtcttccagg	aagctgcggt	960
ccaggcggtc	gtcaggaaca	aagtcctcca	cactctggac	cggtgctggg	ccctgtgcgg	1020
ccgggactgg	ctctggaggt	ggaggggctg	cctcggtggc	aggtgacgtc	ccaaacagcc	1080
tagagatgat	gctgcgccgt	ggggcggggg	ctgaggggca	cgcaggtggg	gacagggcct	1140
ctgaggggtg	tacagggggc	acagaggatg	gtggggcagc	gaattccncc	gcncctgggct	1200
atggtctcga	gggtttcaat	nnnnngnnnt	cttctcgaac	gcc		1243

```

<210> 303
<211> 1090
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(1090)
<223> similar to gi2047346 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 303						
gcggccgcgg	aggaggtgcg	gccccaaagg	gaggaggtgc	ccgctcaccg	cagaccgccc	60
gcggcagagg	ccgccccggg	cgcgcgcgg	cgggagcggc	cggtggaggc	tgcgcggccg	120
aggggggagg	ccgggggagc	ggacgtcgcc	tctgctgggc	tcccacctcc	cgccgcccc	180
cgcccgagc	ctcccaagcc	ttagtcggcg	ccgagcatcc	cgctgccccg	gaccctcccc	240
cgggcgcgca	ccaggtcaa	ctcaggtca	ggactgcagg	tagacatctc	cactgcccag	300
gaatcactga	gcgtgcagac	agcacagcct	cctctgaagg	ccggccatac	cagagtcctg	360
cctcggcatt	ggcctcacca	ttgaggcagc	tccactgtct	gtgctggtct	gaggggtgct	420
cctgtcatgg	gggcagccat	ctcccagggg	gccctcatcg	ccatcgtctg	caacggtctc	480
gtgggcttct	tgtgtctgct	gctctgggtc	atcctctgct	gggcctgcca	ttctcgctct	540
gccgacgttg	actctctctc	tgaatccagt	cccaactcca	gccctggccc	ctgtcctgag	600
aaggccccac	caccccagaa	gccagccat	gaaggcagct	acctgctgca	gccctgaagg	660
cccctggcct	agcctggagc	ccaggacct	agtccacctc	acctagagcc	tgggaattagg	720
atcccagagt	tcagccagcc	tggggtccag	aactcaagag	tccgcctgct	tggagctgga	780
cccagcggcc	cagagtctag	ccagcttggc	tccaatagga	gctcagtggc	cctaaggaga	840
tgggcctggg	gtgggggctt	atgagttggg	gctagagcca	gggccatctg	gactatgctc	900
catcccaagg	gccaagggtc	aggggcccgg	tccactcttt	ccctaggctg	agcacctcta	960
ggccctctag	gttgggggaa	caaactggaa	cccatggcaa	taataggagg	gtgtccaggc	1020
tgggccccct	ccctgggtcct	cccagtgttt	gctggataat	aaatggaact	atggctctag	1080
aaaaaaaaaa						1090

<210> 304  
 <211> 1041  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1042)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (87)...(1041)  
 <223> similar to gi2317964 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 304  
 tttttttttt ttttctgtag tacgcgtttt atttagaacg ccatcctttg gcgagtaggg 60  
 gggatgttg gaggcgtttt gcagcgcctc ctgcctggga gccaggcgat ccgccagggt 120  
 ctgggaggac ctaaggtcaa cagccacgcc tgctctctgg gctcacagtc agcagccgct 180  
 accaggagag caagtcctca gaaggcccgga gaccagggcc cgggagcgcc cacaaggacg 240  
 ggaggtcacc cagtgcacaa caggggaaggg cagcagggtgc gcccaggaac ccagaggctc 300  
 ccagagcaga agtgggatgc aggggtgggg gcgggtcatg ctgaggttca acagggacct 360  
 gcttcctggt tcaacaggga gctggccaga gagaggatc tgctgaggct tctgtttaa 420  
 aacctgggcc tgggtgtggg tgcaagtggg tttgcagggt cagtgaggca gcggccggag 480  
 caggctgttg cacgaagacc caggaaagtc aggggtgggt gatccaggca gaagaggggg 540  
 aaatggagcc tggggcagac gtaaagggtgc tgggggtgagg ataagggtga caggagggag 600  
 gagtctgggg tgaccaaggc ctgcagctca ggtgactggg aaaaaacata aaacagaaca 660  
 cagatgaatg caggggtcgg gacgaaggct cctgtgagtc tgaagtgact gtgagtggca 720  
 ccctctggcc agccacagtg gctctcacag ctcatctgc agagcaccgg ccagtgatg 780  
 agccgaggaa gtgcccctgg aggtcagctg gatctgcca gtggtctgca cagggggcgg 840  
 ctgccagggg cctgagcaca gggaaacct cgaaactgtg ggagggatga agccagagag 900  
 gtagacccca gaaccgacca agcccagcat ggggcgtgga gggcgccaa gctcaagaag 960  
 accatgagat tgggaattcc gccnctctga ganggntatc aatnnnnngg nagggggctg 1020  
 aagggggggg gggctggggc g 1041

<210> 305  
 <211> 671  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (292)...(72)  
 <223> similar to gi807677 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 305
gcagttttgc agtcatttat atctacttta aacacatgca gattaagggg tgattttgtgc      60
aaaaatttct agggaatggg taataacttt tgggtcatcg agtcaatgcc atggaagaga      120
ggggggataa ccccttggtg ttgcgatggc aacggtaaac tgacatggca actgatgagc      180
gtgtcttacg gaaagctcat tccaccccag ccctgtttca gctagtcctc aatttggtcc      240
agtgtccgag ccctgcctct ggagtcaagt cccacctcct acctcataaa gagagacata      300
aatcaatgga atagaatcga gagtccagaa ataaactcat acctcgatga tcaattgatt      360
ttcaacaacg gtgccaagac cattcagtgg gggaaagaat catattttca acaaatgggtg      420
ccagataacg acatccaaag gagtgcaact gggcccctgt ctacacaccat ctacagaaat      480
taagtcaaaag tgcctcaaac actaagagct aagactataa cattcttaga agaatacagg      540
gttacctctt tatgatcttg attttgtaat tgatttttag ataacactaa aagcacaagc      600
aacaatagga aaaaaaaaaa gtaaatttaa cctcatcaaa atttaaaatt tttaggctgg      660
gtgcaggggc t                                                    671

```

```

<210> 306
<211> 1771
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(1730)
<223> similar to gi4868443 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 306
cttggggcga gggacgtttg ggcaagtggg ttagtgctgg aaacggggca ccaatgagat      60
cgtagccatc aagatcctga agaaccaccc atcctatgcc cgacaaggtc agattgaagt      120
gagcatcctg gcccgggttg gcacggagag tgccgatgac tataacttcg tccgggccta      180
cgaatgcttc cagcacaaga accacacgtg cttgggtcttc gagatgttgg agcagaacct      240
ctatgacttt ctgaagcaaa acaagtttag ccccttgccc ctcaaataca ttcgcccagt      300
tctccagcag gtagccacag ccctgatgaa actcaaaagc ctaggtctta tccacgctga      360
cctcaaacca gaaaacatca tgctggtgga tccatctaga caaccataca gagtcaagggt      420
catcgacttt gggttcagcca gccacgtctc caaggctgtg tgctccacct acttgagtc      480
cagatattac agggcccctg agatcatcct tgggtttacca ttttgtgagg caattgacat      540
gtggtccctg ggctgtgtta ttgcagaatt gttcctgggt tggccgttat atccaggagc      600
ttctgagtat gatcagattc gtatatattca caaacacagg gtttgctgc tgaatattta      660
ttaagcgccg ggacaaagac aactagggtt ttcaaccgtg acacggactc accatatcct      720
ttgtggagac tgaagacacc agatgaccat gaagcagaga cagggattaa gtcaaaagaa      780
gcaagaaagt acattttcaa ctgttttagat gatatggccc aggtgaacat gacgacagat      840
ttggaagggg gcgacatgtt ggtagaaaag gctgtccggc gggagttcac tgacctgttg      900
aagaagatgc tgtccattga ttctgtcaag agattctctc cagtcggatc cctgaaccat      960
ccctttgtca ccatgtcact ctttctcgat tttccccaca gcacacacgt caaatcatgt      1020
ttccagaaca tggagatctg caagcgctcg gtgaatatgt atgacacggg gaaccagagc      1080
aaaaccctt tcatcacgca cgtggccccc agcacgtcca ccaacctgac catgaccttt      1140

```

```

aacaaccagc tgaccactgt ccacaaccag ccctcagcgg catccatggc tgcagtggcc 1200
cagcggagca tgcccctgca gacaggaaca gcccagattt gtgcccggcc tgaccctgtc 1260
cagcaagctc tcatcgtgtg tccccccggc ttccaaggct tgcaggcctc tccctctaag 1320
cacgctggct actcgggtgcg aatggaaaat gcagttccca tcgtcactca agccccagga 1380
gctcagcctc ttcagatcca accagggtctg cttgcccagc aggcttggcc aagtgggacc 1440
cagcagatcc tgcttcccccc agcatggcag caactgactg gagtggccac ccacacatca 1500
gtgcagcatg ccgccgtgat tcccggagacc atggcaggca cccagcagct ggcggactgg 1560
agaaatacgc atgctcacgg aagccattat aatccccatca tgcagcagcc tgcactattg 1620
accggtcatg tgacccttcc agcagcacag cccttaaatg tgggtgtggc ccacgtgatg 1680
cggcagcagc caaccagcac cacctcctcc cggaagagta agcagcacct gtattgcggc 1740
cgcgctagag tatccaagat tgcgtctcgc t 1771

```

```

<210> 307
<211> 391
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (6)...(392)
<223> similar to gi2981631 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 307
cattcaaaac agtatggtac cagtataaaa ccagacatat aaactattgg aacagaagac 60
agaacctagt aataaaaccca cacatgagga caagtgagtt ttgacaatta tgccaagaac 120
acacagtgaa gaaaagataa tctcttcaaa taaatgggtat tgggaaaact agatatccac 180
atgcagagga atgaaattgg acgcttatct cacactgtat ataaaaatca actcaatatg 240
aattaaagat ttcaatgtaa gtccttaaac tacaaaactc ttagaagaaa acagggaaaa 300
agcttcttga cattggcttt ggcaatgatt tcttgatgat gacaccaaaa gcacaaaacc 360
acaaaagcaa aaatagataa gtctgattac g 391

```

```

<210> 308
<211> 590
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(571)
<223> similar to gi2723316 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 308
aaaaatctta caaaagtgaa gaatgtggca aagcctttat ccaggcctca actcctagta      60
aacataatta atgatggaga gaaaccatac aactgtgaag aatgtggcaa agcttttaac      120
caggcctcaa actttattga acaaaataat tcatacagga gagaaaccct acaaattgtga      180
agaatgtgac aaagccttta accagtcctc aatttttact aaacataaga aaattcatac      240
tgagagagaaa ccctatgatt gtgaaaaata tggcaaaaggc tttaactagt cctcagttct      300
taacacacat acgataattc ttactgcaga gaaactctac aaaccagtaa gatgtgacag      360
tgcttctgac aacatctcaa acttttctaa tcataaaaaga aatcatattg gtgagaaatc      420
ctagaaatgt ggagaatgta acaaaagtatt taaatggttg tcacacttga ttataggtaa      480
tattcatatt ggaaaaatth cctacaagta agaacaatgt ggcaaaagttt ttaactaata      540
caccttattg cacagaaaat catttatatt tgagaaaaat tgtagaaata      590

```

```

<210> 309
<211> 916
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (18)...(910)
<223> similar to gi2317934 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 309
cgtccaggga gcactgcccc caggccgagc cggggcctcc cgcaagagga aggaggtgcc      60
ctcaaggcta cggacctggg gtcccgggtg tggacgcccc atgggggtca ggcctaaaga      120
ggccgagagg gcctcgggga cccagtgcac gcccacgct gagcagcaca ggctgccccca      180
ccgtgggctc cccgatctct ctctggatca ccgagacctc gcaggaggag tcatcagggg      240
cgccaggccc agggccacca cagtgggaagg tctccccttc cccaggcacg taatcttcca      300
ggtcagccag tgtcagcatg cggccgttgt gcgtgaggat cttgggggtca cgatccccaa      360
ggctgtgtgt gtctcgggac tctccgtca caaaggcgct tccgtcttcc ccctcttctc      420
ctcccgctc ctccatggtg cctcctcct ccaggctgcc catgccagaa gcagcccagt      480
ccacactgcc tctggcatcc acgcggaaga caaggggctc tctgacgccc accatggctg      540
tgccctgggc ccaggcctcc tgggcccagca gcttggtgtt ggagttgttg gaattggggg      600
cccctccggg ggtcgcaccg ggcagtgtga agagatgccc cgatgagctc ctgggcacct      660
ctgtggtggg agacacaccc tgcgggcccc tcttcttcac ccggacttca atggtctcct      720
ccacctccac ccacttgggc tggggccccg agagtccggg cagagctgga gagtgggcct      780
cggcctccgt cacatacagt gtgggcacca cgggcttctg gcctggttct gcctccggcc      840
tgcggggctg gccagcacct ggcaggtaca gcaggctcggg ggccagtagg cctggcctca      900
gcgggctggc agagca                                     916

```

```

<210> 310
<211> 781
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (8)...(782)  
 <223> similar to gi4185939 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 310  
 tttttttgag caactgatgg ctttattttac ccaattgcaa acagcagtca ggagtagaat 60  
 gcatcctttt tacatcactc acattagggc tcatacacct cttccaggac ctttaactga 120  
 agggaaatcaa atggctgacc gcctaattgc taatgcaatc tcaaagtcta gacactttca 180  
 caatttaacc catgtgaatg cctctgggtct caaacgcaga tgcagtatta cctggaaaga 240  
 agctaaaagct attatccagc gatgcccacac ttgccaaatg gccatttctt catctttttac 300  
 aggaggagtt aatcctcgag gattggaacc taactctgtt tggcaaatgg atgtcacaca 360  
 tcttccctcg tttgggagac tagcttatgt acatgtatgt gtggacacct tttctcactt 420  
 tgggctacag gccaatcagg agagccttct gcctgtgtta aatgtcacct cttgcagtgt 480  
 tttgcagtga tgggcattcc agcttctatt aaaacagata atgccccagg ctatccctagc 540  
 caaactctag ctacattttt ctctttgtgg aatattaaac acattactgg tatcccatac 600  
 aatttctcaag gacaagccat agtggaaaga atgaatcttt ccctaaaaca gcagttgcaa 660  
 aagcagaaaag ggggagacag agtatatgga accccataga tgcaactgaa tctagcatta 720  
 ttaacttttaa attttctgag cctgcctaaa ggccagatgc tatcagcagc tgaacaatat 780  
 c 781

<210> 311  
 <211> 665  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (20)...(649)  
 <223> similar to gi498152 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 311  
 tggggcagag gctgcggagc cccaggagga tctgcctccg ctttcacagt cctccagatt 60  
 tttccaagag cagcagaaaa tgaataaatc cctggggcca gtgtcattca aggacgtggc 120  
 tgtggacttc acccaggagg aatggcagca gctggatcct gagcagaaga taacttacag 180  
 ggatgtgatg ctggagaact acagcaatct agtttctgtg gggatcacca ttatcaaacc 240  
 ggatgttatc agcaagttgg agcaaggaga agagccatgg atagtagaag gagaattcct 300  
 acttcagagc tatccagatg aagtctggca aactgatgac ctaatagaga gaatccagga 360  
 agaggaaaat aaaccttcaa ggcaaactgt gttcattgag accctgatat gaagagacga 420  
 ggtaatgttc ctggtaacac ttttgatgta gaaacgaacc ctgttccttc aagaaaaata 480  
 gcctatacac atagcctctg taactcatgt gaaagagtga tttaacgcct cttcagaata 540  
 tattagtagt gatggacgct atgcaagaat gaaagctgat gaatgtagt gatgtgggaa 600  
 atcactcctc catattaagc ttgagaaaac tcattccagga gatcaagctt atgaatttaa 660  
 tcaaa 665

<210> 312  
 <211> 769  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(692)  
 <223> similar to gil334643 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 312  
 gcggccgccc ccggccccgc gccccctgcc ccggaggcga cccttcggcc ggccctggcc 60  
 gcggggaagg actgggcgtt catcaacacc aacatctttg ccaggaccaa gatagacccc 120  
 agcgcccttg tgcagaagct ggagctggac gtgaggagtg tcacttccgt caggagaggt 180  
 gcagaggcca agaccgtttt gcccaagaag gagaaaatga agctgaggcg tgagcaatgg 240  
 ttgcagaaaa tcgaagccat aaaactggct gagcagaagc acagggagga gcggaggcgg 300  
 agggccacgg tgggtggtggg ggacctgcac cctctcaggg atgccctgcc cgagctgctg 360  
 gggctcgagg ctggcagccg gcgccaaagg cgcagcaggg agagcaacaa gccccggccc 420  
 tcagagctca gccggatgag cgcagcccag agacagcagc ttctcgagga agaaaggacc 480  
 cggtttcagg agctgctggc cagtccggcc tacagagcca gccccctggt ggccatcggg 540  
 cagacgctgg cccggcagat gcagctggaa gatggcggcc agctctgacc agggcagcgg 600  
 gcatgccaca actcctcagg acacatgtgg gccaaagtaga gagcgccggc ccctcaagga 660  
 ccatggcctg agcctggtgg acgcccttcc ctctggtcgg ttgtggggct caataaatgg 720  
 ctctgtgaac ttcccctgca ctgccagggc cgttcccaaa aaaaaaaaaa 769

<210> 313  
 <211> 669  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (340)...(669)  
 <223> similar to gil780975 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 313  
 ttatgacgta tgtacgactg gcgcagagcg acgaggtgac aggagaatcc gtaccctact 60  
 gcacccccctc attattattg tgaagaaaaa gagtggcctg accctccaga tctttctttt 120  
 ccagaggaca gtgggcaaaa attagttgcc ccagtgactg ttcaagcagc acctcgagcg 180  
 actgctctta gttctattca gtcaggaatt cagcaagcta gatgagaagg tgattaagag 240  
 gcttggcagt tccctgttag aatacacccc ccagatcaac agggaaatat tatagctaca 300





Run with FASTXY 3.3t00, default parameters

<400> 315  
tatgccattg attgaatacc ttttgatcctt actgtgcata ctaactttct tgatgtaaatt 60  
atttagtgcg atataaatat ttagtgcggtg atttccatag cagatgacaa gtttatattg 120  
attataacat ggtctcggtt gatatttttc tgacaagtaa gtttagatca tgtttggtt 180  
ttgtttccta ttacctagag ccaacacaga tctatagatt tctttgaact cggaatctca 240  
tagcagtaag tagtcaacaa aattcatcaa tattatttct ctcttataac tgcactctgta 300  
ttcaatttta acatttttaa aactcttttt gtagccaata tttttgcaca gaactcttac 360  
ttacatgtct catcgaaact ccagaacaaa catcaaaaga tacttgaata cctaccaagt 420  
agaaggcact atgccagcac tgcatagtctt tccttgaaga agagcaatta ctgcccttca 480  
ggagtgtata atctagtagg agaaataaaa tattttacatg agttttacat gtaggaaact 540  
gaatgaaaag aaaacattta aagttgatga tatgttatca aaagtagaga aaatgaaagg 600  
agagccagaa tctcagagct tgtcagctca tttgcagctt acatttttgg tttcttccac 660  
aaaaatgata agccatcacc aaactcagaa aatgaacaaa attctgttac cctggaagtc 720  
ctgcttgtga aagtttgcca caaaaaaaga aaggatgtat gttgtccaat aaggcaagtt 780  
cccacaggta aaaagcaggt gcctttgaat cctgacctca atcaaacaaa acctggaaat 840  
ttcccgtccc ttgcagtttc cagtaatgaa tttgaaccta gtaacagcca catggggaag 900  
tcttactcgt tgctattttag agtgactcgt ccaagaagaa gagagttaa tggaatgatt 960  
aatggagaaa ccatgaaaat attgatgtca gtgaagagct tccagccaga agaaaatgaa 1020  
atcgtgagga tggggaaaag acattttgtt cacaatgac agtatttgat aaaaacaggt 1080  
aatgttgatg aacaagcgag gctcccacaa tgttctggaa atgttttcat tctgaagcag 1140  
aatataatta tttatattga ttatttcatt gcctttgtgt tctttttatt cttacggatg 1200  
aaaaaacaaa tttgcaacaa ctg 1223

<210> 316  
<211> 714  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (57)...(715)  
<223> similar to gil017722 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 316  
gattgtaaaa ttttgagacc cctctttgag accactagta cagtgcggtg gaattcgctt 60  
ttaatgggtg ctccagcctt actcgacata agagaattca cactagagag aatacctaca 120  
aatgtgaaga atgtggcaaa ggctttactt tattttcaac cttactaac cataaagtaa 180  
ttcatactgg agagaaatcc taaaaatgtg atgaatgtgg caatgttttt aactggcctg 240  
caactcttgc taatcataag agaattcatg ctagagagaa accctacaaa tgtgaagaat 300  
gtggcaaagc ttttaaccgg tcttcacacc ttactagaca taagaaaatt catactggtg 360  
agaaactcta caaacctgaa aaatgcgaca ataattttga taacacctaa aacttttcta 420  
aacataaaaag acaccatcct gttgagaaac cctaaaaatg tgaagaattt gacaaagcct 480  
tccaatgatt gttacacttg cttgtaggta agataattta tattggagaa aactttataa 540  
gtgtaaagaa tgtgacaaaa cttaaccaat actcacatct tattgcacag gaaagcattt 600

```

ttacttgaga aagattgtac aagtataaag aatgtgaaaa agtcattgat atcttttcac 660
atcttactca acaccagagt ttatacttat taaaagcatt ataaatgcaa aaaa 714

```

```

<210> 317
<211> 1808
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1809)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (1808)...(3)
<223> similar to gi35019 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 317
tacgctctct tctttgagtg actttaagaa ctcttgattc tcattttcaa gaggtctagc 60
tatctcctgg tcaagagact tacagtgggt ctagatctac tttttctggg ggtcttaatg 120
tcatctgata ctgttccctc agagacctcc gtcgctgttg agtctctttt tcaagagttc 180
tcaaatgtct cttgggtcct gttcttctaa agacctcagt gatttgatg tctctgtttc 240
tagaggtctc acaatactct ggtcctcttc ttctagagtc ttcagtggct cctgggtctc 300
tttttctaga gatctaaagg cctctttgtt ctcatcttca agagacctca ggggttcctg 360
attctccttt gtcagaggtc tcagtgcctc ctcatccctc acttctggag atctcagtgg 420
ctcttgattc tccttttcca gagctgtcaa tgactctaag ttctcttgca gagaacttac 480
taattcttga ttttccgttc ctggaaataa aaatgtctct agattacctt caagagattt 540
cattagttct tgattctcct ttgacagggg ttgcaatgtc tgtgtgtcct cttttcctgt 600
aggcttaagt tggcctacag cctctttttc tagaggtctc actacctcca catcctttaa 660
tagctcttta ttttcccttt ctagactttt tagtgtttct aagtcttctt ctaaagacct 720
cggacattct tgattctccc ttctagtgt ctcatggctc tggttttcca gagtcttcag 780
tgactcttga atctcctctc ccagagactt cagggtttct ttttccaaag gaacctggga 840
gtcctggatt tccttctctg ttagatcctc ttcttcccat atttctgtgt gcaagctgct 900
taccactttg cctctatagg ctgtttcttt ctctaccaac cccagattt gcccttcacc 960
ttcccctcgg catatgctga acactctaga cccaccggat tctccatcct tagcctctaa 1020
actggagtgg tcagggtctga ggggtggtgc caaggaggca tggctcctctg gggactggcc 1080
tgtactggcc tcttgccgct ggccccaggg ctctctgtgt ccaggcagga cgctggcagg 1140
aatggccacc ctggcttcag cccgcagggg ctctggagcc tgtttcctcc caccctgtgt 1200
ctggagcaga gagagaggag catcctgggc tctgatctct gcatctacag caggagaggg 1260
tgcttgaggt gtggggggga tgggggtgct ggccaaggta ggggtacggg cctggaggaa 1320
ttcttggttc ttaagaaagg ctggcacagg tgtctcaagg gtagcaggca agggtagagg 1380
gagggaagtt gggctcagga ctgggagcaa agatccaaga cgccggccct ctggggctct 1440
aggggaattgc agctccagct tggggtcctg aaagctgagg gaagtcttgg agccaccgcc 1500
aggtgtttgc agccgggagt tctcagcctc caggagggtc ctgtacgtgg ccacctccag 1560
gctgagggac atcttgaggt gcgccagctg ctgccgacct tccaggacct gagegatctg 1620
gctctgtagg cctgttttct cctgctccag ggccctccca gccagctgga acttttcagt 1680
agcccgcagc cgctcctacc agcggccctc caacctctgt tccaccgntg cnttgcgctc 1740
caggaggcct gcggnntttcc acgcctacta taaggtctcg atngggcggn ctnnnnnnnn 1800

```

<210> 318  
 <211> 803  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(718)  
 <223> similar to gil62885 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 318  
 cctacaggtg agcatcaggc tgcaggagga taccaggcc ttaggtagat atcaggccct 60  
 acaaggacac caggcctcag gtggacatca gggcccagtt ggggactcag gttctaggaa 120  
 gacacccagg cctcaagtag catcagggcc aaggcggata ctagactcca ggtggacatc 180  
 aggccttagt tggctactag gccctaggtg gacacctggg tccctggtga ccatcaggcc 240  
 acagattaac tccaggcaat aggtgaacat atgatcccag ttggatatca gaccccagga 300  
 aaacatcagt ccccaggtgg atatcagctt ccaagttgac atcaggccac aagtggacac 360  
 tggacttgag gtgtacatca ggcctcagat ggacacccag gccccaggtg tacatcaggc 420  
 tcaggtggaa atcaaggcac aggtaacacc aaggcacagg tggttaccta ggcttcaggt 480  
 agacatcaga ccccaggtgg acacctgggt ctccggtggt catcaggccc taggtggaaa 540  
 ctcaggtccc aggtgcacat cacgttccaa gtggacaccc aggcccatg gtgataccca 600  
 ggttccaggt gggcactggg cccagatga acaccaggct ccgggtggat accagaactt 660  
 ggggtggacac ccagctctga ggtggacatc gggctccagg tggacatcaa gccccaggta 720  
 gatatttagt caccaggtgg acataagacc ccaggtcgac accagaacct ggggtggacac 780  
 ctaggtttcg ggaattccgc cgc 803

<210> 319  
 <211> 2152  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(2151)  
 <223> similar to gill96429 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 319  
 aatgaccaa acaaatagtt gtcccttta ccaaggaaca agttagacaa gcctttatca 60  
 attctggtgc atggcagatt ggtcttgctg attttgtggg aattactgat aatcattacc 120

caaaaacaaa	aatcctccag	tttttaaaat	tgactacttg	gattttacct	aaaattacca	180
gtcacggacc	tttagaaaat	gctctgacag	tatatactga	tggttccaac	aatggaaaag	240
cagcttacac	agagccaaaa	gagcaagtaa	tcaaaaactca	gtatcaattg	actcaaagag	300
cagagttggt	tgaggtcatt	acagtggttaa	taagattttg	atcaatctat	caatattgta	360
tcagattctg	catatgtagt	acaggctaca	aaggatattg	agagagccct	aatcaaatac	420
attatggatg	atcagttaaa	cccgtgtttt	aatttggttac	aacaaaatgt	aagaaaaaga	480
aatttcccat	tttatattac	tcatattcga	gcacacacta	atttaccagg	gcctttaact	540
aaagcaaagt	aacaagctga	cttgctagta	tcatctgcat	tcatggaagc	acaagaactt	600
catgccttga	ctcatgtaaa	tgcaatagga	ttaaaaaata	aatttgatat	cacatggaaa	660
cagacaaaaa	atattgtaca	acattgcacc	cagtgtcaga	ttctacacct	ggccactcag	720
ggaggcaaga	gttaatcccc	agaggtctat	gtcctaattgt	gttatggcaa	atggatgtca	780
tgacgggtac	cttcatttgg	aaaattggca	attggtccat	gtgacagttg	atacttattc	840
acatttcata	tgggcaacct	gccagacagg	agaaagtact	tcccatgtta	aaagacattt	900
attatcttgt	tttcctgtca	tgggagttcc	agaaaaaatt	aaaacagata	atgggccagg	960
ttactgtagt	aaagcatttt	aaaaattttt	aaatccatgg	aaaattgcac	atacaacagg	1020
aatcccttat	aattcccaag	gacaggccat	aattgaaaaga	actaatagaa	cactcaaagc	1080
tcaattgggt	aaacaaaaaa	aggaaaaaga	cagtaaacag	tataacactc	ctcagatgca	1140
acttaataata	gcactctgta	ctttaaattt	tttaaatata	tatagaaatc	aaaccactac	1200
tctgcagaa	taacatttta	ccggtaaaaa	gaacagccca	catgagggaa	aactgatttg	1260
gtgggaaaat	aacaaaaata	aaacatggga	aataggtaag	gtgataacat	gggggtgagg	1320
ttttgcttgt	gttccaccag	gagaaaatca	gcttcctgtt	tgggtaccca	ctagacattt	1380
gaagttctac	aatgaacca	tcagaggtgc	aagggaaggc	gcctccgcag	agacagagaa	1440
cccgcaatcg	aacatcatcg	actcgagggg	tgaacaaaat	ggtgatatca	gaaggacaga	1500
tgaagttgcc	atccaccaag	aaagtggggc	cgctgacctg	ggcccagcta	aagaagctga	1560
cacagttagc	tgaaaaaagc	ctggaaaaaca	caagggtaac	acagactcca	gagaatatgc	1620
ttcttgacgc	tttaatgatt	gtatcaacgg	tggttaaagtc	tccctatgtc	ttcaggagcc	1680
gctacagcta	actatactta	ctgggcctat	gtgatatttcc	cacccttaat	tcgggcagtc	1740
acttgatag	ataatcctat	tgaagtatat	gttaataaca	gtgaatgggt	accaggcccc	1800
acagatgacc	gtggccctgc	ccaacctgaa	gaagaaggaa	tgatgataaa	catttccatt	1860
gggtatcatt	atcctcctat	ttgcctggga	aaagcaccag	gatgcttaat	gcctacaatc	1920
caaaatttgt	tgatagaagt	acctactgtc	agtgccacca	gtaaattttac	ttatcatatg	1980
aaaagtggga	atgtcacttg	ggtcacaaat	gaataattta	cagcattctt	cctatcaaag	2040
atcattaaaa	tttaggccta	actggacacc	atgacagaag	gaacttaacg	acgaatcaaa	2100
agacacacaa	ctcctagact	gggaagacac	tacggctgaa	cctgcaatac	ac	2152

<210> 320

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (51)...(763)

<223> similar to gi2739454 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 320

ccgtgcgggtg	gaattgcgct	ggcaacgcgc	agcaacccaa	cgtccacgcc	ttcaccccat	60
tgacgtgca	ggagctggag	cgcattttcc	aacgcgagca	gttccccagt	gagttcctgc	120
gaaggaggct	ggcaagaagc	atgaatgtga	ctgaactcgc	agtgcagatt	tggtttgaga	180

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atagaagagc caaatggagg agacatcaga gggcattaat ggcaagaaac atgctgccct 240
tcatggcagt gggccagcct gtcattgtaa ccgcagctga ggccataacg gcacccttgt 300
tcatcagcgg gatgagagat gattacttct gggaccacag ccattccagc agcctgtgtt 360
tccccatgcc accctttcct cctccgtcct tgcccttcc actcatgctt cttccaccta 420
tgccacccg ctggccaggg ttgaatttgg gccatttcc cttttgttat tcgtggcctt 480
cttttcacat ttccccaatg tctaaaggga tagcctctgt ggccactttt tgccagagt 540
tctttgagcc agattcatat tttgcatagc accccatcaa aagtagttca tcaaatgtct 600
attaaacgtt ttaaagaaaa gtacatcatt gaccatttt tagggcactt gtaaaaatgt 660
ttctataaat atgtgaaggg tatgtacatt tgttttgtgt gtcacatggg gtcagtaagt 720
tctcaataaa aattgttaag aaatgccatt caaacgaaa aaa 763

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<210> 321
<211> 980
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(961)
<223> similar to gi5262560 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 321
atatggggaa ggcttatacct atcttataag ttttcaaaca cacataagaa tgaactctgg 60
agaaagacct tataaatgta agatatgtgg gaaaggcttt tattctgcca agtcatttca 120
aacacatgaa aaaactcaca ctggagagaa acgctataaa tgcaagcaat gtggtaaagc 180
cttcaatctt tccagttcct ttgatataca tgaaaggatt cactctggag agaaaacctta 240
tgagtgtgaa cagtgtggga aagccttcag atctgcctca cagcttcgag tgcacgggtg 300
gactcacact ggagagaaac cctatgaatg taagggaatg gggaaagcct tcagatctac 360
ctcacacctt cgagtgcatt gtaggactca tactggagag aaaccctatg aatgtaagga 420
atgtgggaaa gccttcagat atgtgaagca ctttcaaatt catgaaagga cagaaaaaca 480
cataagaatg ccctctggag aaagacctta taaatgtagt atatgtgaga aaggctttta 540
ttctgccaaag tcatttcaaa cacatgaaaa aactcacact ggagagaaac cctatgaatg 600
caaccaatgt ggtaaagcct tcagatgttg caattccctt cgatatcatg aaaggactca 660
cactggagag aaaccctatg agtgtgaagca atgtgggaaa gccttcagat ctgcctcaca 720
ccttcgaatg catgaaagga ctcacactgg agagaaaccc tatgagtgtg agcaatgtgg 780
gaaagccttc agttgtgcct caaaccttcg aaagcatggg aggactcaca ctggagagaa 840
accctatgag tgtaagcaat gtgggaaagc cttcagatct gcctcaaacc ttcagatgca 900
tgaaaggact cacactggag agaaacccta tgaatgtaag gaatgcgaaa aagcattctg 960
gaaattcttt tcttttaaaa
980

```

```

<210> 322
<211> 628
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (6)...(628)  
 <223> similar to gi807677 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 322  
 acatcaggat aaattctaaa cagatcaaat atttaaagt acaaattggaa ccatacagg 60  
 attagaagaa aacttgggta agttacatta caacctgaga gagagaagg tttcctaact 120  
 atgactccaa atccagaagc aataaggaaa aggactgata aatacaatta catgaaaaaa 180  
 caacaacaaa agactttttc atggcaaagt atactttgca taagcaaagt taaaggaaaa 240  
 taacaaactg caaagaaata ctttcagctt acatcacaga tagagcttct aaaaatagag 300  
 aagaccagca accttagaat cagggttaaac ctacattgct cagagataga ccaagatttt 360  
 tatagaaaaa aaaatataaa tggctctgaa ccatatgaaa atgtgctcac ttttgctctt 420  
 aataagagaa atgcaagcta aaactacccc tttctcaacg atccgattag taaaaattca 480  
 agattttgat aacatactct gctggcaagg ctatggggaa acagacactg ttagccatgg 540  
 ctggttgagg tgcaaaatgg aagagccatc tggaggggaa ttcgggagta tatagaaata 600  
 attccccct ggctaggggc tcagtcaa 628

<210> 323  
 <211> 721  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (688)...(565)  
 <223> similar to gil86774 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 323  
 ggccggaact cctgggtcta cccacgcgtc cgcggttcc taaagtgctg ggatgacagg 60  
 catgagcctc aattcccatc cataagctct taattcttaa gagacatggc gataattcat 120  
 ggtgaagagg aactttacaa acctgaaaga tgtgacagt cttttcccaa cacctccaac 180  
 ttttctatgc ataaaaaaaa ttatactaca ccatagaaat gtatgaaatg tgacaaagcc 240  
 ttatatggt tgccacactt tattgtaggt aattcact tccaaaatac ctacaagtat 300  
 gaagaatgtg gcaaaacttt taatcagtgc ttacaccgta tttcacagga aagctattat 360  
 ccttgagaaa aattgtacaa atataaagaa tatggaaaag ccattaatgt ccatcacatc 420  
 ttactcaaca gaagaagggt cataaaagag caattactgt gacaaaaatc tttcagaaaa 480  
 tataagcctt taagggtgaag aagagtattg attctgaaga caagcattac aaatataaag 540  
 aggtttgtag tacctttgct tgtattacag atcttattgc ccgctttttg tattagaagg 600  
 aaaccctaaa gcggttgcca aactttgtgc aacatcaggg aatatattga agaagattcc 660  
 tgcaaatgta atgagtttgg aaacacttct tagataaatt atttgtggct gggcacagtg 720  
 g 721

<210> 324  
 <211> 850  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (67)...(814)  
 <223> similar to gi4092510 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 324  
 gcaggaattc cccggctcga gccggtgact ctctgagaac cagcccttct gtggcctcac 60  
 tctctgaaaa tgagctgccca ccaccacctg agcctccggg ctatgtgtgc tcaactgacag 120  
 aagacctggt caccaaagcc cgggaagagc tgcaggaaaa gccggaatgg agacttcgag 180  
 atgtgcaggc ccttcgtgac atggtgcgga aggagtaccc caacctgagc acatccctcg 240  
 acgatgcctt cctgctgcgc ttccctccgag cccgcaagtt tgattacgac cgggccctgc 300  
 agctcctcgt caactaccac agctgtagaa gaagctggcc cgaagtcttc aataacttga 360  
 agccatcagc cttaaaagat gtccttgctt cggggttcct caccgtgctg cccacactg 420  
 accccagggg ctgccatgtc gtctgcatcc gccagacag atggatacca agcaactatc 480  
 caattactga aaacatccga gccatatact tgaccttaga aaaactcatt cagtctgaag 540  
 aaaccaggt gaattggaatt gtaattcttg cagactacaa aggagtgagt ttatcaaaag 600  
 catctcactt tggccctttt atagccaaaa aggtgattgg catcctccag gatggtttcc 660  
 ccattcggat aaaagcagtc catgtggtga atgaacctcg aatattttaa ggcatttttg 720  
 ccatcataaa accatttcta aaggagaaaa tagcaaacag agtaagtgat gatcctattg 780  
 acttcagatt tttcttttcc tctgttgatt tatttgtagac atctggtact tggttattat 840  
 ttttgcctg 850

<210> 325  
 <211> 438  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (10)...(429)  
 <223> similar to gill196425 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 325  
 gatccttgag taaatatctt agttcgagga gaagtttaca aacgctctgc tcagccagtg 60  
 tttcaaactt tctaagatga actaaatgtg ccagtaccag aaattccagg aaaaacaaga 120  
 aatttgtttt tgcaattagc caagcatgta gccagtcctc tcagtgtcac ttcattgttat 180  
 gtatgtggag gaactgtgat gggagatcaa tggccatggg aagccaaga attagtacct 240  
 acagaccag ttcccaatga attcccagct caaaagagtc accttgataa tttctggacc 300



```

ctgaagcctc aattattgga caatattgca tagctagaga aggaaaataa ttcactcacc 360
ccttaggaca acttagttgt ctgggacaga aactgtataa tggtaggaca aaaacagtca 420
cttggtggag gtcaaatac 438

```

```

<210> 326
<211> 1152
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (56)...(1155)
<223> similar to gi4140029 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 326
aaatgtgggc cttaatctcc tccccaatca acgtcactgc ccgcgggaac acagcggcat 60
ttctggggca ctcgcatgc cgggttccta acctcaatta ttcattctgc tctcaggcac 120
ctcctgacga gaccctggcc caggagagct cggctcgggg acagaggaat gagactcagt 180
gggacgcaga gcccaccccc atccccacccc ctggctggat ggggtctggg ggcagcagaa 240
tgtggaccac tcagcaggag gcttcctgac tgtctcctcc tgaaccgatg tactcacag 300
gcaggggaca cgccatcctg gccccgcccc tttgggccct tggaaatcatg gaggggtggg 360
gcagcctgtg cccatcccaa ggggaagtgt gcccctgggg acactggggg gctgccgggt 420
gcgccatctt tagggggtgc actgccgggc tccagggtca tgctggaaa catttcaggg 480
cctccctcac ctctggatac cgcctgcagg ggtgaggctg tgctgagctc tgctgccct 540
gccaggacgg agggcatggg cctgtgtgga aaccccaggg ctccctgact cccatgaggc 600
ttctcaggga ctctctgccc cgagggtccc agcatctccc aggtggagggt cctcaaggat 660
gccccacca gctccccaca gctactgtag caggaaagtc ttcttcccga acccagagcc 720
cagggcggat ctcccggtct gcgcgccaag gtggaaaccc tcagggtcct gggggaacca 780
ggggccagggt ctggactcca ttcgggacct tcccagctcc ggggaatcac aacacagaag 840
taccacaggg gctgaagcca ctaggccccc gtggagccct ggccacctgc cagagccctg 900
gccctacgcc tgggaaggcag agtccctggc tccagactcg ctggggctgg gtgttcctgt 960
cccccgcgga gggcctgcgc aggggagagc tgggtcccgc tgggcctccc gattctcccc 1020
acgcggaacc agctccacaa aactctgttc tccaaggctc cttaggcaca agacttgagt 1080
tctactaac ttacccaaaa cacaacaaaa cacaatccct gcctggaccc tctcctagcg 1140
tggcacgagg cc 1152

```

```

<210> 327
<211> 1649
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (334)...(1646)
<223> similar to gil888409 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

<400> 327

cctgcagggg	cggggagaaa	gcccggatca	ggcctgcagg	ggctcagggc	agtgggtggcc	60
tcatgtcagg	gccgggttcc	tggcacatcc	acgacataca	agccatcttt	gcaactcact	120
tttattgttt	ctttataaac	ttcctctccc	atggaggaat	atattgttat	agtcattagc	180
ttatctcttt	ttttaaaact	ctatgctaac	agcaatggag	ccaagaggag	gaaaacataa	240
gctacgatag	aaaggcactt	agaacctgtt	aaaatactga	cgctcctggaa	tgtgcaacaa	300
cacaccaatg	acaaccacaa	aaagtacacc	ggccctgccc	agcctgggtcc	gtcaccgagt	360
cgcatgctga	gctcgtcggc	cttcacgtgc	cctgttcctc	cgctctgctc	aagtcgcaaa	420
cccatgaccc	cgccagggac	ttaaggcctg	gggccctcac	aggggtgggg	ggtgctcagg	480
gcctgggtgg	ggcccgaaga	aaggagacca	gctccctcct	accttgctca	tagcccttc	540
gaggggcaga	gccagtgtgg	ctggggcctg	tcagggctgg	agtccaaagc	ccagtggcaa	600
ggtgggccgg	gtcagggtga	cccctctggg	acagaagggc	agtccgggag	aggggtggggt	660
cagcagagct	gccagaggac	ctgcagggcc	actaaggacc	ccaaggctgt	ccgggcagct	720
gcctcgtttt	acagatgggg	aggtggaagg	gcctggccac	tcagaggcct	ggtgacaggg	780
caggcctaga	agccagaact	cccagctgcc	aggtgggaga	gggagcaggg	agaggcccca	840
gatggggggg	gcatggctgc	gtccatccct	cagggcgtcc	tgggatggga	ctggggcaca	900
aggccctcca	gcaccaccct	taagtgttcc	tggccctgc	cagggtccct	ctgagtggca	960
cagaacctgg	gggggccccac	tgggtgttag	gggtggggaa	gtgcctctga	gaaagcggcc	1020
cagcagggaa	aagccagagg	aagcaacgtg	tcatgggtcc	agcaccctcc	tccagccact	1080
gcttccctca	aggccttcag	tccacagcct	ccagaaagct	cccaacacag	cactgactgg	1140
gagccccctc	ccctgcatgc	tgtcacttgg	agccccaga	ccaggagctg	tgtcccagcc	1200
tgtggtcgg	cgtccccagc	cagcctcccc	cttcctgtta	caggaccaag	gacccaaagg	1260
cctctgcagg	gggcgctgcc	caggccaggc	ccagcggggg	tagaaggagg	aagacggggc	1320
gctgggcctg	gccccacatg	ctccctgagc	cagggccccag	gtcactcagt	atcttggcac	1380
cacagctggc	ctggcacctc	cccttgccag	ctcaggggcc	ctcggacctg	cttcccacgc	1440
tcccaggggtg	ccccaaaagg	tagagggagg	agaccctggg	gtgcaggggt	ggagtggcca	1500
gctatcccgt	ctggtactgc	aggcctggcc	tggggtgagg	acggcggctg	cagagcgggc	1560
ctcctcctaa	ctagtgggag	gcgccttgtc	ctggggggca	tgctcctcgt	gccaagcttg	1620
gaggaatcac	ggtcatagcg	tttttcaat				1649

<210> 328

<211> 1565

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (80)...(1562)

<223> similar to gi930045 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 328

tttttttttt	ttgtctttta	aaaacatcgt	aacattaaca	catggccggt	caccgtcccc	60
caacgatggg	agctggcctg	gggcccaggg	tcctccagga	tcttcactca	ttcacagtaa	120
cggttttgac	cagtcctcca	ggtcgcacgt	ggatgcgaca	gggggtgggga	gggaggagga	180

```

agtgactgtc ccccttccag aaaaaaaaaa acaaacaaac aaacaaacgc tgctagccac 240
tcagcttttag agacccgatg gctatgggcg cctgcagcgg gcgggggtcc atttgcttgt 300
tctttgatac aaaaaggcag agaatcccc gttacgaaac atggaatcac tgacaggcga 360
gaagtgatgg gggaaaaaagg ggtgggcgga atgcccgtca cccccccagg ggtcttttga 420
aggggcagtc cacagatatg ggcagtgggg accagggaag gcagagcacc cccacggcca 480
ccggactgtg accatcatac gagattcagg aggggcagca gggccaggca gacgggtctcc 540
gaggccccca cccccaggcc ccccgacatt caagtattct tcaagaacag ggaagcaaag 600
tccatcgatg tgttgttttt ttttaaggaa aaactaaaaa actaaacagg aggaagaatc 660
ccgaccgcgg atttagaagc cagaggggct gccccagctg tggagctcgg gggctgcgcc 720
gggaaggggcg ggcggtgacc ctagccgcgc gcacttctaa agtgaaccc tgtattgcat 780
agaacgtccc caccgcggg gagggggcag caggctccgc agccccggg ggttgagca 840
tggagggtgg ggggactgag cagaccccc cattcctggg tgcccgaagg gaggccgagg 900
ccgcagccgt tttcctgaag gtggcagacc aaaaacactg ccctgggggt gaggattcgg 960
ccagacccccg ggggtctgggc tcagctctaa ggacaaggac ggagctgacg gagcttccag 1020
gtcaggccccg aggggcggcg cgaggcagga cgtggctacg gtcagactga gccctgagaa 1080
ggggcactcg ggtgccccaa gggggtgtct tcaggacccc ccacattggc tgacagtgcc 1140
tgtccagccc ctctgcctgc tgcggtggaa acggcttcgg gccaggcggg gctcctgctg 1200
tctcaggcct tgggtgtggag gggaggggca gcggcgagcc cctgggggtca gctgcagttt 1260
aagggtcaagg tcggaggccg aatctggcca ccaggagtcc tggacagaca gacgggcctt 1320
gcaggaagcc ccgattgtca actatcatgg ggacaaggca ggcgcgggtg aagggtctgg 1380
ggatcccatg ggggtgggtg gtgagctgcc tgccacctgc ctgcctgaca cctccagaga 1440
caggcagccc ctcccttccc caaccaagcc accagggtg ctctcagggt gagggataga 1500
ggggaagagc ctgtccctaa aatactgcgg gctgggaggg aacacgaggg cagggtcctg 1560
tgccc 1565

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<210> 329
<211> 707
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (559)...(707)
<223> similar to gi2580578 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 329
tagctgtttg tctcaagtta gttcagaata aaccacgagt gtgtggattg ctaaaataac 60
ttatttctaa atgctgcaag tcaaaaattg cagatttcct tgtctaacca gatgcagatg 120
ttatatgtta taaaggatca ggactccaac aggaaccaac atcactgcct tctaaaatta 180
gtggccttcc tggcatatga acaccctttg ggcctgtgct ccagtgtctc tttgggttgc 240
tccttgggct ctttgtgaag gatcaagaca cccccgtagt ctaggccaat gtcaggctct 300
ccagtgtgtc ctgttcatca ccctcaccct gcacttctat tgttactgtc tttggctatt 360
ccaacactgt gcttgcaccc tgtggaaagt cacatttggg gtcaagtga tgggtgtgtt 420
tctactcttt ggtgaaagt atcagggtgc atttggcctt caattcagaa ggatgaggca 480
ggggttggat tcagggtgcac ccaacttttt ttgtgtgtgt gtgatggagt ctgcctctgt 540
cgactagcct ggagagagca atgggtgtgat ctcagttcac tgcaacctcc acctcccaag 600
ctcaagcgat tctcctgcct cagcctccc agcagctggg actacaggca cacaccatga 660
tgcccagcta tttttttgta tttttagacg agacagggtt tcacccc 707

```

<210> 330  
 <211> 757  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (45)...(757)  
 <223> similar to gi3880303 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 330  
 ttttctgggc ttggtgcatt tattcagggt ttgagagctga ggagggcaga gctcgcacag 60  
 ctgtgaggca gggctgggcc ggacaggagc tgcttcatcc ttcaacaaac cctggcctgg 120  
 ggtgaccagc ctggtggggg agatggagtc gggatggagg acaaaggggg gagcagggga 180  
 cagagcccag gaggaagcaa gggagggcac aaaggagggg caggtggctt caggtgagaa 240  
 gcaggaggga gaaaggggac cagcagtggg tctaggggaa ggggctgggg tgagggaggc 300  
 tgagaagggg cagaagatgt ggcccacagc ggctcccaac agccccaggc cctcaggaag 360  
 cccctcacct gtccctgtcc ccatgggcc ccagactcac tgcagaccca ggaggcctgg 420  
 catagcgagt gtgcagggtgt gtgcagggtgt gtgcagacca gcacgtgtgc ctgtgcacgg 480  
 gtagacagca tgtgtgccag tgtgagtggc gtgtgtgtaa gtgggtgttc gcatgtggag 540  
 gcatgtgcca gtctgtacac gtttgctcat gcgtgagtgt gtgtgcatgt ggttatgcac 600  
 atgtaaagga ccagaggcgg gaatcagaag ggcacgggtg gcacccctcc aggaagagga 660  
 gggactcagg ctgacctcgc cctcccacaa gaagagtcag gccttggggg ccgcggctgt 720  
 ctgagtgggtc aggctggggc tgccattaac ctctgtg 757

<210> 331  
 <211> 1330  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (188)...(1238)  
 <223> similar to gi2981631 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 331  
 tttttttttt agaaaaaaaa attaaaaatt agccaggcat ggcggcacac atctactgtc 60  
 ctagctactt gagaagctaa gacgagagga tcccttcagc ccaactagttc aaagttacag 120  
 aaaaccacgg ccacaccact gcactctagc ctgagcaaca gacgagagacc ccatcaacat 180  
 taaaacaaca aaaaaaaaaa tcaatataat tcacatatt aacaaactaa agctaaaaac 240  
 catataatta ccttgataga tacagaaaaa gcatttgaca aaattcaaca tccacctcag 300

ataaaaacgc	tgaacaaact	agtaagatcc	ttaactgcta	aaggttatct	atgaaaaaca	360
aaggaataag	atgcccactc	tcaccacttc	tatttgactt	cgtactagag	gttcaagcca	420
gtgtaataca	gaaaaaaaaat	aaataaataa	gaagaagaag	aaaaagaaaa	ggaaaagaaa	480
taaaagggtat	ccaggggtggt	ggaaaggaaa	agtaaaacta	tcattattca	caggtaatat	540
gactgtctat	gtagaaaatc	tgatggatgt	acaaaaaagc	tattaaaagt	tagtttagta	600
tggttgacagg	acacaatata	aacatgcaaa	aggctatgat	agttttatat	cctagcaatg	660
aacaattaga	aattaaaaatt	aagaaagcaa	taaaatagca	ccaaatttat	ataacccaaa	720
gcaattttaa	atacccccaa	aaaatatgaa	ctacttaggg	aaaaatctga	taagacatat	780
aaaacctgta	ccctgaaaag	tacataatgc	tggttgagaaa	aattaaagat	gacctaaata	840
aatggaaaga	tatgccatgt	taatggatca	gaagactcgg	tactgttagg	atgtcaaata	900
tcaatcaaaa	ctctgaaagg	tttctttgca	gaagttggca	agttgactct	aaatatgtat	960
ggaaatacaa	agaacccaga	atagccaaaa	caactttgaa	aagaacaaag	ttacaagatt	1020
aacactactt	gatttcaaga	tttaatatata	gctacagtaa	tcatttaatg	taagctacag	1080
taatcaagac	agtgtggtat	tggtataaat	gtagaccaac	agatcaatga	aacagaacag	1140
agaatccaga	agtagacgaa	cacatatata	gactaataac	attttgacaa	aagcaaaaag	1200
gcaattcatt	agagaaagga	tggtcttttc	aacagatgaa	tatctatatg	aaaaaaaaat	1260
ggacgcataa	cttatactac	ttacaaaatt	aacttgaaga	attccaccac	acggactagg	1320
gatctcgaaa						1330

<210> 332  
 <211> 863  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (8)...(704)  
 <223> similar to gi488555 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 332						
agagaatcac	actggtgaga	aaccatatgc	atgcaaagaa	tgtgggaaag	ccttcagcca	60
aagctcagct	ctcatacaac	atcaaagaat	tcacactgga	gaaaaaccct	acaaatgtaa	120
tgaatgtggg	aaagccttct	cttggatttc	acggcttaat	atacatcaca	gaattcacac	180
tggagagaaa	ccatataatt	gtaaggaatg	tggaaaagcc	ttcagttccc	actcaggcgt	240
taatactcat	cgaaaaattc	atactggaga	aaaaccttat	aaatgtaatg	actgtgagaa	300
agccttcaac	caaagctcag	ctctaattca	gcaccagaga	attcatactg	gagagaaacc	360
atataattgt	aaagtgtgtg	ggaaagcctt	cagacagagt	tcattccctta	tgacacacat	420
gagaattcat	acaggggaaa	aaccttataa	atgtaaagaa	tgtgggaagg	cttttagtca	480
gagctcatct	cttactaatc	atcaaaggac	tcataattga	gaaaaactgt	ataaatgcat	540
gtaggaactg	aagttatatt	ccatactgag	tatcaaaaaa	ttcattgtgg	ggagaaagtg	600
atgaagagta	gttaatcata	ggtaaaactt	cagcattaga	cctcatcaca	catcagagac	660
ttcatgatgc	agggtaacct	tgggaatgct	agaaaagctt	ctataaaaatg	tttattcata	720
tgttcttaag	ttattaccat	gaaatggaga	atttttaaga	ttgcagggtt	agtatttgat	780
tgtctagtga	tgtacgataa	cagccaccag	ctttcctgag	catcactggg	aagcctgctg	840
tttatgtaca	agtacagcca	taa				863

09483733.012100

<210> 333  
 <211> 588  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (46)...(591)  
 <223> similar to gi5931821 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 333  
 aaattctact cccgattggg ccaacaccgc cccgcggcgc actgttatat accaacatat 60  
 tccttttaaat gtaatatatg agaaaaaatg ttcggcggcc tattcacctt actgaacata 120  
 tgagaattca tactggggag aaacctttca gatgtaagga atgtggaagg gcctttattc 180  
 aaagtgcac cctcagtaca caccagagaa tccatactgg tgagaaaccc tttgaatgtg 240  
 aggaatgtgg gaaagccttc agacatcgct catcacttaa tcagcatcat agaactcaca 300  
 ctgggggagaa accctatgta tgtgataaat gtcagaaagc tttcagccag aacattagct 360  
 tgggttcaaca tttgaggact cattctggag agaaaccttt tacttgcaat gaatgtggga 420  
 aaaccttttag acagattaga caccttagtg aacatataag aattcatacc ggggagaagc 480  
 cctatgcatg cactgcatgt tgtaaaacct ttagtcatag agcgtatcta acacatcacc 540  
 agagaatcca tactggggag agaccctaca aatgtaaaga atgggggag 588

<210> 334  
 <211> 399  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(400)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (16)...(328)  
 <223> similar to gil843392 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 334  
 ggaggcagga ggcgaccacg tccaacaacg ttttccctt caagatcatc cacatcagca 60  
 agaagcaccg cgcgtgggtc ttctcggcct cctccgagga ggagcgcaag gtgactgggg 120  
 gtccgaggac gagtgcagg tgactggggg tgtgggcctg caggcaccag gctggacctg 180  
 ctaccccccg aaggatgagc gatccccctc tgagcaccat gccaccgca cccggcctcc 240  
 ggaaaccccc ttgcttcccg gagagtgcc ggcgccacac aaggaaacatg ctgtcctggg 300  
 aggtgcccct gtgggctgag gggagccaca cagccatgtt gtatccagcc gggtcgcctc 360

ctctgacctt gggagtcaca gcagagcang cagggcagg

399

<210> 335  
<211> 1747  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (9)...(421)  
<223> similar to gill136434 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 335

accaggttgc	caaaactgttc	tacctttctg	gaatggtgca	tggagaatat	caaaaccaag	60
aaatccacaa	tctgggccat	tttattacag	ttatgaagtt	taggcctctc	atggcaaact	120
tttcaccctt	atatcctggc	agacagttaa	aaggatggaa	gatttgacaa	acccggagga	180
tatccaaaca	aacatcaaat	gtgacctgca	ggtgtcactt	tatggttatt	taagaggagc	240
acacttgaaa	aataaaaagcc	aaattcacat	gccaggacaa	ggtggggctc	acccatgagc	300
tgttccagag	tctcatctcc	acctactcca	ccattgatgc	caagatggct	tcaagtcgag	360
tgatgctgct	ttccaattcc	aaaccacttg	ggtcagaggc	tatagataat	caaggggacg	420
agttctcact	atgttgccca	ggctggcctc	gaactcctgg	gctcaagcaa	tcctcctgcg	480
ttggcctccc	aaagtcctgg	gattacaggt	gtaagccact	acggctggcc	tattattgct	540
gtattctaac	ttattcatct	cctatgtgtc	agagatggct	ttggattccc	cgttctgtgt	600
gctgctgtct	ggctcctgaa	cccagctgta	gaggtgtgtc	aatcccaact	ggtgaagtac	660
tgagaggaag	ctacacaaaa	ggcagcaaag	tattagttag	tgggtgtcatt	gagcaaacac	720
gaagtcgggc	tcatccaagg	atgagatttt	gccagagaaa	ggacgagcag	caagtcaggg	780
agcttaagg	ggtggaaaag	aaatccctca	cagcaactgg	caccataatc	aagacagaat	840
gtttgcagaa	taaatggagt	tacctgcttt	cagccccagg	ttgtagctat	tgtctgccct	900
gatgatatgt	gataataatt	tgtgatccta	ttgtcttaaa	atgggggtcac	tcatctccag	960
tagaattaag	tccacagtga	agttgtcccc	ccatccccaa	agagataaac	atatatgaat	1020
gaactcacat	gataacaact	actgctgcct	gggatcatga	gagacctgaa	ctgaactgat	1080
aggaagtga	aggtggctga	gataatgaga	atagacccat	ctgcagagga	tcataaaacc	1140
agcaaagaca	agatcttgtc	taagatgcct	tcacaaaact	tgtccatgag	aactctaagg	1200
acttctccag	acctgttggc	tgctgctgtg	atctctgccc	aagaggagcc	tctgaccaac	1260
atccaaagg	cttctggacc	cactggactc	ctctggaggt	accttagtct	cccgatccat	1320
ggctgtgttt	ttttactccc	tttatcgctg	cctgtgtgta	gaatgataat	tgcacaattg	1380
atagtgtgaa	gacctcttga	taaatggtaa	atctgagcat	atgtatttgg	ctgacatgtc	1440
attgtgaaac	ctcacagctt	cagtcagtgt	caacgcagct	agggagcatg	tacctaatgc	1500
acatatcact	gggcatagtc	tacaggcacc	taataactca	ggtaccttaa	cagtcactaa	1560
tgagtgtctc	tccaaggact	aaacaatgga	agactgtaga	agatgctatt	cattaaaata	1620
tctcaagaat	attggaagact	attattcgct	tctcatggga	caggacttta	tagggcacct	1680
gaaaaaactc	ccatgaaaaa	tcactttttac	aaaatgtcaa	gttatgatat	ccaagatgaa	1740
accaatg						1747

<210> 336

```

<211> 1326
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (252)...(1326)
<223> similar to gil086680 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 336
ttttttcaat tgcacagata tttatatggc gtggcaccat gcaagttaaa caactctttg      60
caaggcactg tgaagttaaa tacaacaggc aaataatgtc ctttcaaagg gaatgttggt      120
ccttagtaca gaacaatggc caccagggtt taggcatgct ctccctccac ctggagggtc      180
ccactgacat ctgaattctt ctttccacag gttgccttgg attcagtgac ctgcattctt      240
tctttttcag taaagatgtg aggttgccag ctgggcttca gcaactcactg gctgtggagg      300
cgtgcttgcc acatagtaga tgctcagtgc ttgtctgctg agtcatactg catagtgggtg      360
aagccttcag ggaatgaaga acaatcactt tgctttcgtc acatgttttc tagatgattg      420
ctgcagaagc ggaaaaggct gcttctgagt ccctgaggat ggcagctgag attctgtcag      480
gcacccctgc tgctgttcag cttcgatacc tccacaccct tcagtctctg tccacagaga      540
agccttccac tgtgggttta cctttgccat ttgacctact gaattgcctg tcttctccca      600
gcaacagAAC tcagggaagc ctccccttcc caagtccttc caaacctgtt gagccactaa      660
atcctaaaaa gaaagactct cccatgttat aggaaggatg gggcataatg tgactgtaaa      720
ggggcctgcc atagaaaagt cacatccctg agggagacac tctgtcctca ttccctgccc      780
ttcctttggt tgccatatgg aatggccatg gaatgcacga agtcacaatg caccatccat      840
gagaagacag tgaaatgatg taatgacaga gaaggcagac aacatgtttc cgtgactcat      900
ctagtcagag caattatggg aaacagcttt ggtcaacatt ctactttggg aagaattttg      960
agtctagatg tggttaaatt ttgacttctg ggaacttggg tcagatgtcc ctttctactgt     1020
atgtcctctg accccttttg caaggttgcc acagctccca cagcccttcc tacaagcacc     1080
tatcattggg cttgtcacac tctattgctc ttctgtcccg aagatgcagt cttctctcca     1140
atgatactac caagtcttag ttttcctcaa ccacactcaa tctttttgct ccacctgaa      1200
ttcctcacac ctaaccctga tagttaccta aagtgcactt taaatgtttc agagtgaatg      1260
caaaaaagag agatgtactt ggagtcggat atacaattta tccctaatta aagcatttaa      1320
aaggaa                                           1326

```

```

<210> 337
<211> 1077
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1078)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (1077)...(0)
<223> similar to gi5420389 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```



```

<400> 337
tttttttttt ttctgaacaa taaatgtttt atttgcttta aaagtgcctc tgaaagggcc 60
ccccagaagt gagcagtgcg cagtcaagcg ggtgtgcagg gcacacagct gcacggcaca 120
gtgtgggtct gagtcaactgc cggaggaggg accagggttg tctgggccgc agcccccttta 180
acaatctgcc cttcctgccc tgcaggaaga acccattctg aacacaccct ggctgtccct 240
ggctgccccca ctttgggggtg acaaagagga ggcagccctg ggctgagtcc acagagacca 300
gccctgatat ggcaggagtg ggggtgggggt gggggagtgg gaatacagga gctcagcccc 360
agctcaccac ggcacccccg aagagtgtgtg actcagacac acctgggttt aagtcccagc 420
tgggggctca ggtaagtcaa atcgtcttct ggggcctctg tttatcagta gaaggctcca 480
gaagtataca ctggtgatgg ctccctccccg ctctgatgca ccatgcctga ttaagcatac 540
actgagcccc ctgggtcaga aatcgctgag gatgctgatg tcagcaaagt cagcccggta 600
gcggtgggca tagaggctga gcaggaaggc ccacttgaag gaaatgaagc tccagacgct 660
ggagaggtag tagctggtgg ggtctgtgag gctctgatgc cgggtgatgg ccagcacgag 720
gaaggtgcag aaggcagcga tggagacggc cgagaagagg acgcccacga agaagaagcc 780
gcgcagcccc ttgagccagg tctccaata atcttgcagt tacatcacgt gcgtcaccag 840
gacccacagt gccagcaccg ctgcgagccc tcccatggcc gcggtccccg gctgtcggta 900
gaccaccgtc cagacgagga agatggagaa gccggccacg gagctgatgc cggagtaggc 960
ggcgcgaggg ccgagctgca gcctggacgg ggccatgggg ctgccgtacg cgtgggaggga 1020
cgcggtgggtc gtccccggcn ttccgcgacg gtactcaggg cgtcaggnnn ngcaccc 1077

```

```

<210> 338
<211> 2355
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (134)...(1316)
<223> similar to gi733606 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 338
gtccgtgtgg tggaaattcgc agcggcagtt cgtggtgcgg gcctgggggt gcgcggggccc 60
ttgcggccgg gcagtccttc tggccttcgg gctagggctg ggcctcatcg aggaaaaaca 120
ggcggagagc cggcggggcg tctcggcctg tcaggagatc caggcaattt ttaccagaa 180
aagcaagccg gggcctgacc cgttggacac gagacgcttg cagggccttc ggctggagga 240
gtatctgata gggcagtcga ttggtaaggg ctgcagtgtc gctgtgtatg aagccaccat 300
gcctacattg cccagaacc tggaggtgac aaagagcacc ggggtgcttc caggagagg 360
cccaggtagc agtgaccag gagaagggca ggagcgagct ccggggggccc ctgccttccc 420
cttggccatc aagatgatgt ggaacatctc ggcaggttcc tccagcgaag ccatcttgaa 480
cacaatgagc caggagctgg tcccagcgag ccgagtggcc ttggctgggg agtatggagc 540
agtcacttac agaaaatcca agagaggtcc caagcaacta gcccctcacc ccaacatcat 600
ccgggttctc cgcgccttca cctcttccgt gccgctgctg ccagggggccc tggctcgacta 660
ccctgatgtg ctgcctcac gcctccacc tgaaggcctg ggccatggcc ggacgctgtt 720
cctcgttatg aagaactatc cctgtaccct gcgccagtac ctttgtgtga acacaccag 780
ccccgcctc gccgccatga tgctgctgca gctgctggaa ggcgtggacc atctggttca 840

```

```

acagggcatc gcgcacagag acctgaaatc cgacaacatc cttgtggagc tggacccaga 900
cggctgcccc tggctgggtga tcgcagattt tggctgctgc ctggctgatg agagcatcgg 960
cctgcagttg cccttcagca gctggtacgt ggatcggggc ggaaacggct gtctgatggc 1020
cccagaggtg tccacggccc gtccctggccc cagggcagtg attgactaca gcaaggctga 1080
tgccctgggca gtggggagcca tcgcctatga aatcttcggg cttgtcaatc ccttctacgg 1140
ccagggcaag gccacacctg aaagcccgag ctaccaagag gctcagctac ctgcactgcc 1200
cgagtcagtg cctccagacg tgagacagtt ggtgagggca ctgctccagc gagaggccag 1260
caagagacca tctgcccag tagccgcaaa tgtgcttcat ctaagcctct ggggtgaaca 1320
tattctagcc ctgaagaatc tgaagttaga caagatggtt ggctggctcc tccaacaatc 1380
ggccgccact ttgttggtcca acaggctcac agagaagtgt tgtgtggaaa caaaaatgaa 1440
gatgctcttt ctggctaacc tggagtgtga aacgctctgc caggcagccc tcctcctctg 1500
ctcatggagg gcagccctgt gatgtccctg catggagctg gtgaattact aaaagaactt 1560
ggcatcctct gtgtcgtgat ggtctgtgaa tggtaggggt gggagtcagg agacaagaca 1620
gcgcagagag ggctgggttag ccggaaaagg cctcgggctt ggcaaatgga agaacttgag 1680
tgagagttca gtctgcagtc ctgtgctcac agacatctga aaagtgaatg gccaaagctg 1740
tctagtagat gaggctggac tgaggagggg taggcctgca tccacataga ggatccaggc 1800
caaggcactg gctgtcagtg gcagagtttg gctgtgacct ttgcccctaa cacgaggaac 1860
tcgtttgaag ggggcagcgt agcatgtctg atttgccacc tggatgaagg cagacatcaa 1920
catgggtcag cacgttcagt tacgggagtg ggaaattaca tgaggcctgg gcctctgcgt 1980
tcccaagctg tgcgttctgg accagctact gaattattaa tctcacttag cgaaagtgac 2040
ggatgagcag taagtaagta agtgtgggga tttaaacttg agggtttccc tcctgactag 2100
cctctcttac aggaattgtg aaatatataa tgcaaattta caactgcaga tgacgtatgt 2160
gccttgaact gaatatattg ctttaagaat gattcttata ctctgaagggt gagaatattt 2220
tgtgggcagg tatcaacatt ggggaagaga tttcatgtct aactaactaa ctttatacat 2280
gatttttagg aagctattgc ctaaatacagc gtcaacatgc agtaaagggt gtcttcaact 2340
gaaaaaaaaa aaaaa 2355

```

```

<210> 339
<211> 841
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (403)...(779)
<223> similar to gi3002527 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 339
aacgaggtgg tcaaggaatg tcaggaaaag ctgcaggtag ccttgcagag gctgataaag 60
gaggatcaag aggctgagaa gctggaagat gacatcagac aagagagaac cgcttgaag 120
gcaggaggag acacctcta agggataatt agacaggaaat ctgggcagga ccctgggctc 180
tatcacaagg agacccttc ctctttgctg tgctagaatt aacaagcata gaagtcat 240
gattaggtct caatttaact ccttcctgt tggagtttag gggctggaga gtagacatat 300
cataaatcaa cactatattt ggaagtgaag gcatggaggg aaatatctgt gaaaacgctt 360
cctgtgaatc ctgtgttcca tttgtgtcat caggtttgag gctccaatcc ttccagtaaa 420
caccctggag aaagaccag gattccctgt ttagggggtt tcagtagggg gatttttttg 480
tttgtttgtt tgttttttga gacagagtct ctctctgtca tacaggctgg agtgtagtgg 540
cgcgatcttg gctcactgca acctctgcct ccctggttca aacgattctc ctgcctcagc 600
ctcctgagta gctgggacta caggcatgtg ccaccatgcc cggctaattt tttgtatttt 660

```

tagtagagat	ggggtttcat	catgttagcc	aggatgggtct	caatctcctg	accttgtgat	720
ccacccatct	cagcctccca	aagtgtctggg	attacaggca	tgagccactg	tgccccggcca	780
ggtagaggga	tttaagacac	agaaaggcaa	agttgttcag	gacaggtgtc	tacaatccaa	840
g						841

<210> 340  
 <211> 2204  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc feature  
 <222> (2197)...(0)  
 <223> similar to gill118097 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 340						
caaaaatttta	tataatttta	caccgattag	aaatactttt	tacaagcaag	cgtaatcaga	60
tagttttcgc	cttattccag	ataaaaaattt	ttttatttcc	attgagcgtg	tgattttatgt	120
aggtaggttg	tcccaataag	tccctcccac	agaattaggg	ttcataccaa	aagtcaccag	180
ctaggtttat	atatattacc	atttagggaa	gaaattataa	tattgcaagt	atgggtaaaa	240
tttgggcccc	caaagggttc	tttaaaaagg	gcccccttt	ttttaagtat	tttttttttt	300
tccctctcat	cccatattt	aaagaaacag	taagaaaaga	tacaatgcag	gaaaaccacc	360
aaccatcctt	gcacaccagg	ccgaacaaag	cacagtgtat	tcttcccttc	atccccacc	420
cccaccctaa	ttcccatatt	cccatccaca	tcagttttaa	ttttgaggtt	ctttgattga	480
ttgggagtac	cagtgaagag	ggagttggat	gagtagaggg	gccttaaata	tggccacctc	540
taagtcccag	gagaagggag	ctgcaggccc	agtcagtcaa	gcagaaaactg	cattcggtgg	600
gtctttcttt	gaagtgggtg	tccatctccc	tggtctgtgt	tcaagcccc	agggaaaggt	660
atggcagtag	aggatgacca	ggtccaagct	gcccagggtc	gagctacgga	agcatggtcc	720
gttcaccaac	gccacgtttc	tagagagcag	tgagctgatt	ctccaatggg	gagcagggga	780
ctacatgtga	actgggacct	gcaggccaat	gtatccctga	ggaaaagtcc	acaagaacaa	840
ttcaagaaac	tagtaagaaa	caatgggcag	aaagctgtgg	gacgaaagca	cagcaggcct	900
ctgggaggct	ggagatcctt	tctctcaagg	gcaggattat	tcccacctgc	cacagttcac	960
atgccacaaa	taacatctca	ccttcagtca	agaaaaacgc	aaaggaaaaa	gatggctcat	1020
ttgaacttga	gcccagacta	tggtcttcag	actgtagctc	cacaactacc	cttttaccta	1080
agacagcccc	tgccaagaac	cacagtgcct	agaaaaccaag	gtggtcctgg	agggaaaaatg	1140
gtgtttaagg	gggcaacatt	ccatttgggt	acattgcagc	cattggaccc	cctgggtctgg	1200
ggaaagcagc	tgggtttgtg	ccagggaggc	tccccactct	aggaaatggg	acgaaaactct	1260
tgcttgacag	gccattcatc	cttggaaggg	aagctgggtt	gagacccagg	gtcccagttg	1320
gccttgtgaa	aggagctggg	ttgataccca	cagggccagc	tgagaaaggg	cccagatgcc	1380
cggcagctgg	cctggggaaa	gtaacttgac	cagggcctaa	tgggccaagta	gaccttggga	1440
aggtagttgg	acttggaccc	tgcaaggccag	tgccccttgg	gaagttagct	gggttggggc	1500
caagtggccc	agaggctctt	gggaaaatgg	ttggatttga	gccctggagg	ccagcggacc	1560
tttggaaggt	agctgggttt	gatgccaatg	tgccagaaga	ctgagaaaaag	gcagatgaac	1620
ctgctcccct	gggaaaaggga	ttggcattta	cccccatggg	gccaactggc	cttgagaaat	1680
gagctgaatt	agggcctatg	gggccaggag	cccttgacat	gggagatgga	tttggccctg	1740
gaaggccaat	tccccgagag	ctaggacccg	agtttggggc	catggggcca	ggtactcttg	1800
ccatggagga	tgggcttgtg	cccatgtttc	cagaagcctg	tgagaaagaa	gctgaatttg	1860
ctcctaaaag	acctgctgct	cttagaatgg	gggcaagatc	gaggccttga	ggtccagcca	1920
ttcttaagtt	aagaccagat	cctgtgcccc	agaggccacc	tgctctggca	tctagattag	1980

```

ggcctggggc caggccactt ggtcttgggt tgggccaag gcctgggcct ggaaacacac 2040
ctgacctggg ggcagggttt gtccctaaaa agcctgatct cagattgggg tttggtcctg 2100
ggcccaggcc aactggccta ggattgggag gaccattccc agaggttaac agaaccaccg 2160
ctctcagggt aggtccagat ccagggccca tgggaccacc acct 2204

```

```

<210> 341
<211> 631
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (63)...(633)
<223> similar to gi2981631 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 341
ttattcggcc ctaaatacat attatgaact gaattttcag ttatctaaat atctcaagaa 60
gacaaaaaga aaatattaaa cctggaaaaat gtagaaagaa gaaattatga agtagaattt 120
atgtagaaag cagaatttat gaagtagaaa gaaatataaa tcattcaagc caatagctgg 180
atttttgaaa tgactaattg atgagccctt ggaaagactg aatacgaaaa agagagaata 240
taaaattaac aatattagaa atgaaaatag gaaatcactg cagaacctcc aaacaatgaa 300
aagataataa gagaatactg tgactagctt tgttccaaag aaattaaaac attctagaaa 360
caatatagtg ttagcgaaat acagtttacc aaccctaaca ctagaagtgg gaaatatcaa 420
ctgtcttata tttattaaat gaaatgaatt tataattaaa gccttctcac aaagaagtcc 480
aggccagat ggcctcactg gttaattcca ccaaacatat aaggaaaca taataccaat 540
cttaaactct ttcataatac ttcccaactg attttatgag gccaacataa ccctgatcct 600
aaactatgac aaagaccatg caaaaaaaaa a 631

```

```

<210> 342
<211> 450
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (60)...(407)
<223> similar to gil335205 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 342
ccccagcttc ccgagtagct agaagtacat acatgtgaat ccagaaggaa actactagag 60
ttaataaatt cagcacagct tcaggatata agaccaacac acaaaaatta gttgtttttc 120

```

tgtacatgta	caatgaacaa	tctaaaaaagg	aaattaagaa	ggctattcca	tttaaatagc	180
gctaaacaaa	taaaatgctt	aggaataaat	ttaaccaagg	aagtgaaaga	cctgcatgct	240
gaatactacc	aaacattggg	aaaagaaact	taaaaagacc	taggtaaatg	gaaagatcct	300
tagttcctgg	gtcggcagac	tcaatattgc	taaaatgcc	gtcctattca	aaacaatcta	360
cagattcaac	acaatcccca	tcaaaattct	gacaaccatt	tttccccca	gaaatagagg	420
aattccacca	catggactag	tgtcatcgat				450

```

<210> 343
<211> 655
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(655)
<223> similar to gi4959382 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 343						
ggacacataa	tattccctcc	tacactggga	aaacaaaaca	gtagggctag	ccaactaacc	60
tcaacccatc	ccttccaacc	actcaccggg	gcggccctgt	cttcctctct	ctccgcttgg	120
cgatcagaaa	acaagatcct	aaagcccctc	tttgccaaag	acctccaatt	ttgccttcct	180
agccagggca	tattctttct	ctgtggcact	tccacctagc	tctgcttacc	cactaactgg	240
acaggaacct	gcacgctagt	cttccttagt	ccaaaaatag	acatagcccc	tggggataga	300
cccttaccct	tccaaattca	aacattatcc	cgcagacgct	gagccataca	gcttataacc	360
ctgctaatag	gggtaggcat	tatggcagct	gcacgaacta	gagtcgcagg	aattgcaacc	420
tctacctatt	actacaaatc	cctatccaag	gacctctctg	ataaactga	tgacctagca	480
tccactgtat	caaccctcca	ggcccaacta	gactccctag	ccgcagtagg	tcttcaaagc	540
cgcaggggcc	tcgatttact	taccgcagaa	aaaggaggta	tctgcgtctt	cctagatgaa	600
gaatgctgct	tctatttcag	tcaggcctgg	ttcaagatgc	agttaaaaaa	ttaag	655

```

<210> 344
<211> 1202
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1160)...(2)
<223> similar to gi30041 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```
<400> 344
```



<210> 346  
 <211> 1495  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (43)...(1495)  
 <223> similar to gi3928756 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 346  
 ggaattcgag gcgggggcag cctcgccagc gggggccccc ggccctggcca tgcctcactg 60  
 agccagcgcc tgcgcctcta cctcgccgac agctggaacc agtgcgacct agtggctctc 120  
 acctgcttcc tcctgggcgt gggctgccgg ctgaccccg gtttgtacca cctggggccgc 180  
 actgtcctct gcatcgactt catggttttc acggtgcggc tgcttcacat cttcacggtc 240  
 aacaaacagc tggggcccaa gatcgtcatt gtgagcaaga tgatgaagga cgtgttcttc 300  
 ttcctcttct tcctcggcgt gtggctggta gcctatggcg tggccacgga ggggctcctg 360  
 aggccacggg acagtgactt cccaagtatc ctgcgcgcg tcttctaccg tccctacctg 420  
 cagatcttct ggagattcc ccaggaggac atggacgtgg ccctcatgga gcacagcaac 480  
 tgctcgtcgg agcccggtt ctgggcacac cctcctgggg ccaggcgagg cacctgcgtc 540  
 tcccagtatg ccaactggct ggtggtgctg ctccctcgtc tcttctgct cgtggccaac 600  
 atcctgctgg tcaacttgct cattgccatg ttcagttaca cattcggcaa agtacagggc 660  
 aacagcgatc tctactggaa ggcgcagcgt taccgcctca tccgggaatt ccactctcgg 720  
 cccgcgtgg ccccgccctt tatcgtcatt tcccacttgc gcctcctgct caggcaattg 780  
 tgcaggcgac cccggagccc ccagccgtcc tccccggccc tcgagcattt ccgggtttac 840  
 ctttctaagg aagccgagcg gaagctgcta acgtgggaat cgggtgcataa ggagaacttt 900  
 ctgctggcac gcgctaggga caagcgggag agcgactccg agcgtctgaa gcgcacgtcc 960  
 cagaagggtg acttggcact gaaacagctg ggacacatcc gcgagtacga acagcgctg 1020  
 aaagtgctgg agcgggaggt ccagcagtgt agccgcgtcc tgggggtgggt ggccgaggcc 1080  
 ctgagccgct ctgccttgct gccccaggt gggccgccac cccctgacct gcctgggtcc 1140  
 aaagactgag ccctgctggc ggacttcaag gagaagcccc cacaggggat tttgctccta 1200  
 gagtaaggct catctgggac tcggccccc cacttggtgg ccttgctcctt gaggtgagcc 1260  
 ccatgtccat ctgggccact gtcaggacca cctttgggag tgtcatcctt acaaaccaca 1320  
 gcatgcccgg ctccctcccag aaccagtccc agcctgggag gatcaaggcc tggatcccgg 1380  
 gccgttatcc atctggaggc tgcagggtcc ttggggtaac agggaccaca gaccctcac 1440  
 cactcacaga ttcctcacac tggggaaata aagccatttc agaggaaaa aaaaa 1495

<210> 347  
 <211> 855  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (128)...(740)  
 <223> similar to gil60182 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 347
ttttttttttt ttcagttgag cagacatttta ttaagcacct atcaagtgca aggcactgtg      60
ctaggcgccg tgggaaatac agagaacaca ggcgggccct gccacgagg agctcacagt      120
ctagaaaggg cagcaagaca gtacacaatc agtggcagca gcaccagcca gagtggcaag      180
tgctcaaagc gagacacaaa gtgctgtgcg gtcacaacat catgggggatg cttctggcag      240
aagcactgga aaggagacga ggactcaggc tgggccttcc aggagggaag ccatttggga      300
gaagggcatc tctagcggag agaggtccat ctgcagagcc cacagggtcat gggaaacatg      360
tggctgcagg gagagtgttg ggacagtcaa gtatggctgg gaggtggaca gccacggaca      420
ctaagctcag gagatgtgaa ctttgtggtc tggtaaaca gccactgcag atcacttcgc      480
aggaggaggg gtgactagaa gtatgttact ggaaggtaaa tctggccaca ctgcagcatc      540
tggacggcag agggcagcgc tgggaggggg cagccagtta gggccccacc acccctgggt      600
gtctgagagt gggagtagcg ggcagggggc agcaaagcac gagggcagag caggggacca      660
tacggagggg ggggtgtggaa gaaggagggg gccccatgca agctgcagggt ctggggagcc      720
tgaggatgtc atagggtctt ctggtagagt ggaaagtgca ctctgaagg tcaggggccag      780
tcactacaga gaggggacag cgaggagagg gacgggtgtg ccctaagggt gactgcagtt      840
tctcaacatg tggtc                                     855

```

```

<210> 348
<211> 2198
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (22)...(2115)
<223> similar to gi3153821 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 348
accgggtcga cgatttcgtg ggagcgtgag cgagccaagc gggacgagaa ggaccggcag      60
caccgtagcc gcgaccggga gaaggagcgg gagaaggaga aggggaagcc caagccccgc      120
tccccgcagc cgccaagccg ccaagctgag ccaccaaaga aggaggctgc caccacgggg      180
ccgcagggtga agagagcaga tgagtggaa gacccttggc gccgatccaa gtctcccaag      240
aagaaactcg ggggtgtcgg ctccccgagc cgggctcgaa ggcgtcggaa aacatcacc      300
tcgtcagcct ctgcctctaa ttctccagg tcgtcttcgc ggtcatcgtc ctactctggc      360
tccggctcct cccggtcgag atcccggtct tcactctaca gctcctactc cagccgtctc      420
tccagacaca gctcgttctc aggaagccgg tccagggtcc ggtccttctc ttctgtcccc      480
tccccgtccc caacaccttc ccacataga ccttccatca gaaccaaggg agagccggcc      540
ccgccgcccc ggaaagcagg agagaagtca gtgaagaagc cggccccgcc tccagcccc      600
ccacaggcca ccaaaaccac tgctcctgtc cccgagccca ccaagccagg agaccctcgg      660
gaagccagga ggaaggagcg gccagccagg acccccccca ggaggcggac gctaagcggc      720
agcggcagtg gcagtggtag cagctatagt ggttccagct cccgatccag gtccctgagc      780
gtgagcagcg tctcctcagt gtccagtgtc acgtcagagc gcagctctgc acacagcgtg      840
gactcggagg acatgtacgc agacctggct agccccgtgt cctcagccag ctctcgggtc      900
ccggccccag cccagaccag gaaggagaaa ggaaaatcta agaaagaaga cgggtgttaa      960
gaggaaaagc ggaaaaggga ttctccaca caaccacca aatctgcaaa acctccagca     1020
gggggggaagt cctcccagca gccctcgaca cccagcagg cacccccggg gcagccccag     1080

```



```

cagggcacat ttgtggccca caaggagatc aagttgacac tgttgaataa ggcggctgat 1140
aaaggaagca ggaagcgcta tgaaccatca gacaaggaca ggcagagccc tcctccagcc 1200
aagcggccca acacatcccc agaccgaggt tctcgggacc ggaagtcagg tgggagactg 1260
ggctccccga agccagagcg gcagagagggc cagaactcca aagcccctgc agccccggct 1320
gacaggaagc gccagctgtc accccagtcg aagagctcca gcaaggtcac gagcgtgccc 1380
ggcaaagcct cggatcccgg cgccgccagc accaaatcag ggaaggccag cacgctgtct 1440
cggcgggagg agctgctgaa acagctgaag gccgtggagg atgctattgc acgcaagcgg 1500
gccaaagatcc ccgggaaaagc ataggccgtg ccccgaccgg actggacgca tttttatata 1560
tagggtaagc gcagccatct tggattttgc agttaatgtc ttattttggc tgtgattctt 1620
tttaaaaagt aaaaaagaaa aaaaagtttc tcagctggaa aagaagccac acaggaaatg 1680
acaacgacgc tgaatcccag cctccctccc cagagcagaa gtcccgcagg acagacagac 1740
acagacagcg ctagtgaaca gcacggttct catgtaaatt acaagcccca gccgccagcc 1800
ccgccttctc ttctctctcc tccgtcttct tccctggccc tggtcaggcc tgtggagccc 1860
cagctctggg tccctagccc ggggtccagg agccaggctc cctcctgagc tgagaaacgg 1920
aacctcgcg accactggtg gcacatcctt ctctccccc gccctgac acccgcccc 1980
ggatcagaaa tatatctata ttctcgacta aagtctcatc aggaaatatt tcctgtcttt 2040
tattttaagc atcaaatgtt tttagttgat ttaaaaagga aaaaatacag aaaagaccaa 2100
aaaaaggcca agggtgttgt tggggcgctt gtctaattgt gtgggtcttt ttttgagggg 2160
tctcctaaaa taaaatattt tgataagcaa aaaaaaaa 2198

```

```

<210> 349
<211> 510
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (104)...(491)
<223> similar to gi3599339 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 349
gcggagactg gttccccccag tgcctccag gctgcctctt tgaagtgtgg gggcatggca 60
gcattgtaaa gtgtggctgg tacaaccaa ataaacctta agtttaattt ggagtgggaa 120
gaacagaatc attaaaacaa tcttgaaaaa ggaagacaaa gttggatact taccctacct 180
gactttaaga cttacagtga agctgccata ctcaagacac tgtggtagct gcgaaaggag 240
acacaaatgg atcaatggaa aaaaatggaa ggccaagaaa tagaccacata catacatggt 300
caaatgattt cgacaaggac acctcgacaa ttcgataggg aaacagcctt gacctgtact 360
ttactaaatg tacaaaaatc aattcacggt agattgtaga gctaagtgtg acagccagag 420
ctacaaagct agtaaaagaa acatgggaga atagctttgt gacattggga taggcaaaga 480
tttcttaggg ataatccaga aagtatgatc 510

```

```

<210> 350
<211> 883
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(884)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (168)...(879)
<223> similar to gil93573 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 350
agaatgtctg tgggacgcca gggcgccacg aggggtctgta cagccctgct gtatggccag      60
gtctgcccct tccaggacag cactgatggc ttacggtagg gtggggctgt cctccaaaact     120
ggcagcaaca ggccaggacg ccagaaccan gcaggggtgc cctggagggt tgtgtgggag     180
aaggccaggc ctctgactca gctgtctact ccatcaccag caccatcacc tccattttgt     240
tcaactggcc ccccgaaaan acttcagttt actatcagcc cccgcaacgg tcatctttcc     300
ggataaagct ggccttcagg aacctctcct ggcctggact gggcttgag gaccatcagg     360
aaattgtcct aggccagttg gtgcttccgg agcccaacga ggccaagcca gatggtgagg     420
gggcttgcat tctgcaagac tttccggggg tgggtgttttg gggctacaat tcccttaaatt     480
tccacccggt catctctgtg cttggaaaac ccagtgaaaa atgactggtg tggtgacctt     540
ttctcctttt ccagatcctg ctccacgtcc tgggcaaacac gcattaacaa tgccggccct     600
ggagccagca ccaccactgc tggcggaact ggggcctgct ctggagccag agtcacctgc     660
agccctgggt ccaccaggat atctacattc agcaccaggg ccagcaccag caccagggga     720
agggcccccct ccaggggacag tgctggagcc acagtcagcc ccagagtcct cctgtccctg     780
tcgtgggtct gtaaagaacc aaccagtgga ggagctgcct gacatgacga ccttccctcc     840
caggctgctg gcagagcagc tgaccctcat ggatgcgacg aaa                        883

```

```

<210> 351
<211> 1115
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (406)...(1112)
<223> similar to gi557084 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 351
tttcgtagga ggagctggcg tgggagaccg acggccgtga gtctgcctgg aggagggagg      60
ggggcgggcc gaggccgaga ggacccccgc atccgttttg ggagtgccag ggggtgaggtt     120
ggcgccctcc gaacggccac ctccgtgtgg ggcgtctgtg tggctccgag cggaatggtt     180
accggtccgc gactggggcc gaggggacct tgccagtgcg tctgggactc ggggaccaca     240
cccgccaggt gagcggggag cagcggtgta gaggttagct acaaataata aaggtaatag     300
cgatccttga ctgcgtgctg tacttttgtt gccaggcctt gacccaggag aggcacgtca     360

```

tttgatcttc	gctgcgccca	tatggtgctt	cctctggaga	ggcagctcca	cgaggccgcc	420
cgccagaaca	atgtcggcag	gatgcaggag	ctgattggga	ggaggggttaa	caccagggcc	480
agaaaccacg	tgggcagggt	ggccctgcac	tgggctgcag	gtgcagggca	cgagcaggct	540
gtgcgtctgc	ttctggagca	cgaggctgct	gtggacgagg	aggatgcggt	aggggccctc	600
acagaggcac	gtctgtgtgc	ccttggtcct	ctccttgccct	tggccccagc	ctctgcttcc	660
ctcctctctc	cagtgtgtgc	cttgtctgca	ccaccgcct	cctgcctcca	aattcccgcc	720
tgtttctaaa	gcaaagcagt	gcaactctct	ttggatgctc	gggagcctgc	tgatcatttg	780
ggatgaatgc	gcttctcctg	tctgcctggt	tcggccactt	acgaatcctc	cagatcttgg	840
taaactcagg	ggccaagatc	caactgtgaga	gcaaggatgg	cctgacctta	ctgcaactgcg	900
cagcccaaaa	aggccatgtg	cctgtgctgg	cgttcataat	ggaggacctg	gaggatgtgg	960
ccctggacca	cgtagacaag	ctggggagga	cggcgtttca	cagggcagct	gagcacgggc	1020
agctggatgc	tctggacttc	ctcgtgggct	ctggctgtga	ccacaatgtc	aaagacaagg	1080
aggggaacac	tgcccttcat	ctggctgctg	gtcgg			1115

<210> 352  
 <211> 1447  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (17)...(1443)  
 <223> similar to gi2443342 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 352						
gagggtgagg	cagccccag	gtctctgggt	caggcggacg	gtccctgcaa	tgcagtgcc	60
ggcaggactg	agcagggttc	ccggggtcgc	cggtacccat	ccctcccaag	cttccggggg	120
ccccgggacg	aagccgctca	cagaggcacc	attcagacgg	ccagacacac	acgaaagctt	180
tatgtgcagg	gccagcctc	tgggcccgc	ttgccaggg	tttccactca	agttgctatt	240
taggatgaaa	agcctttggc	aagaccctcc	gccgcaactaa	cgcccccttc	ccccagggcc	300
agaaacccgc	agggaaagca	gccccaggac	ctgctgcagc	tggcagggtg	gctatgagac	360
tcaggacacc	ctgggctcct	ggccagtgc	tcacagcgg	cctccagcaa	gggcagtggc	420
tgggagacac	ccgtgcccgt	gagctaggcc	cagcctggct	gggtctcagg	gctgcttctc	480
ttgggtgacc	ccagcggccc	agggctcggt	tgaagatcaa	cgtaggcttg	gggaggagcc	540
cggggcccag	aaggaagtgg	ggtcaggggc	tcaggctggc	cctcgggctg	ctctgacatt	600
gggtgggcac	tcgctggatg	gaatcacagt	taacacctcg	atcccaacac	ctggactcag	660
aagtggacag	gcgagtgcct	gccccgggag	aggaaggagg	tggcacctgc	tcccaggggc	720
cccactgcag	agcacggcca	ctgtgagctg	acgacagaat	caagtacag	caataatgtc	780
cctatcctct	tccagaaccc	cagtggggcc	ctcaggtcac	gcaggacgga	gccagctggg	840
tgggtccac	caactcggca	tgaatgagac	gacggatgaa	ccgcagcccc	agcatcagga	900
ggggcgccctg	tgtcaacacc	cacgtgggct	gggaccccgt	gaatgccagt	ctggggccga	960
cggacccccca	gggaaagcct	gggtgcaggc	caccttgctg	gctgccccag	cctgcaggcc	1020
ccgagaggtc	agcctgagga	ggcagcctcg	gctgcgggta	atgctgcctg	cttcatctgg	1080
gccacctccc	gctccaggtc	ctcgcgggct	cgctgcagga	gctcacacct	ctgcctcagc	1140
acgttgcccg	cctgctgcag	ccgctgggtg	gcagccacgt	aggcccggct	ttgctggtag	1200
agctgctctc	ccggggcctc	cgcacccctc	atcatcctga	agggaactgg	ggggtcttcc	1260
ggggccagga	tggatgaacac	tggatcctct	gccggcgcac	cccgcacatc	ctccaggatc	1320
tgctccaccg	tggggggcgc	tggggcgggtg	ggcagcagca	cgcgcttctt	tgccttggag	1380
cccatctctc	tgcctcagtt	tccccgcgg	cacccacgtc	gccggcctct	tcccacctgg	1440

<210> 353  
 <211> 640  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (40)...(609)  
 <223> similar to gi467528 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 353  
 gcggtgctca aggtgcggcc cgagcgcagc cggcgcgagc gcatcctcac gctggagtcc 60  
 atgaacccgc aggtgaaggc ggtggagtac gccgtgcggg gacccatcgt gctcaaggcc 120  
 ggcgagatcg agctcgagct gcagcgggct ggagtgcagt ggtgcagtta tagctcactg 180  
 tggcctcaaa ttcctgggct caagtgatcc tcctgcctca gcctcttcag aagctaggac 240  
 tacagggtat caaaaagcca ttcacagagg tcatccgagc caacatcggg gacgcccagg 300  
 ctatggggca gcagccaatc aacttcctcc ggcaggtgat ggcactatgc acctacccaa 360  
 acctgctgga cagccccagc ttcccagaag atgctaagaa acgtgcccgg cggattcctg 420  
 caggcttgtg ggcggggaac agcctggggg tccttacagt tgcttagcca ggggttttca 480  
 acttgcatte cggtgaagat gttggcttgc cttacattca ccaggaggga tggccggtgt 540  
 gcctgcggac cccgacaaca tctacctgac cacgggagct agtgacggca tttctacgat 600  
 cctggagacg tctttctttg tgccttgatg ttgagagcgc 640

<210> 354  
 <211> 912  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (146)...(43)  
 <223> similar to gi3327136 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 354  
 aggagctggc tagtcaggaa cttattcatt aaccacaaaa cctctacctc ttctctcctt 60  
 gactgtcacc tgtaggacag tttatcagtc aactaccttt cctccagact ttacttccag 120  
 gctctcctct tcagtagctg gatgacttta gcagaaagga ctggtaaata caagccttgg 180  
 gtttcagaat gaattagaaa caaataactc ttactgtctt ccctcccagc tttgtttatt 240  
 ttgtgctttt agacttttca gtgttttctt tttccagccc actgtataaa cttggattgt 300

```

ccattcctcc tgaagaaatc aagttggtat ttttgatgtg gaaaagggaa caaaagtgga 360
aacatggcta cttttgggga gtgatatattt aaaaaataag ttgtctatgg gcacaaagtt 420
ttcttcattt gtgtagcaaa cttcttgtga atgtggatta caaaatggta taattgtgct 480
actctccctt ggggtggtttg cagccctaata gaaattatgt ctaggatgat tcagtctatt 540
tcccatttac tagcagagta acttggttaag atcagctggc tttcttggtta aagttatttta 600
agttttgaat gctctactac ttcaagtctt taaatttctt gagactagaa taatttttaaa 660
taatattgacc ctttgtcttc taatgaaata aagattgaag aggttgagtc aggactgagc 720
tggatgaaga atcttgtggg tattctggaa atttgatacg gagagaactt ggtgagctat 780
gaattactct cagtctcctt tttacagggt tgttgtgatc cctcttttcc agaaaaattct 840
gtggaatggt tctgtaggac tttgttctcc acaagcttga attaaagcag gattcagttt 900
gcaaaaaaaaa aa 912

```

```

<210> 355
<211> 1392
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1393)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (1336)...(271)
<223> similar to gi2317934 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 355
tttttttttt ttnnacaata gtccatatat ttattcttaa gcaagttatc aataaaaaat 60
ttgatactaa aatgccttta catagagtct gctgttcata aaacctttgt gtgttttttt 120
gtccattttt tttttagtgt ttacattgaa aaaaaatcca accatccctt tagttttacac 180
atttacagga atcgtgcctt cgtcacgtta accacggtga gaggggaggg gccgcacccat 240
tcgcacgcac acagaaaaaa aaaggaaaaa accagggaca aagcgggaacc cagcagaagc 300
gggacgagga cgaggcgggc gagcagagga tccaacctcc gtggctgcac cctcctcggc 360
cctctctgga actccagtgg ctacagcatgc ccccggtgat ttttcttcac ttgacatcgt 420
tctgatcccc gagcctcaag caggacctcg tccaaccacc tccccagaca tccaccggga 480
atgaaatatt gcactcatgc gagacaaagg gtaggctcgg ggggtgggagc ggggggctga 540
aggcggggac cncgcaccac aacataagcc cccagccttg agcctcctgg ggagcctctg 600
ggaacggccc ttcagggggg ccagccagca ggtgagaaac aggccccaat gggcccgaga 660
aaaatagggg gccaaaggga cctgggattg ggggtgcaggg caccaccag caccctgctt 720
cgaggcctgt ggtgtggggg acacagagct cgtcctagag cagtgggctaa cttggggggc 780
tttctgaag ctcccggtgg gccaggggaa ccttagtggt ggaggatata aggagtgtgt 840
ggccccccat gcgtttctga ggctgaaggc tgttgggctc aggtccaggc agcctgtctg 900
tccttggctg tgggagaagg ggaggggtgt gaattccctg gggatactgg ggagagccc 960
tcgaggggtg ctgcttgac ctggggccag gatttgggct cagggtggtca gggggaccc 1020
cattctatgc cccaagcact agcccatcag gccatctgcc ccaccaagtg gcacagaaaa 1080
ggccgagaaa cctccaaagg ggttggggca ggcagagggg tccgagggcc aggcagattt 1140
ggctgggtga aaagggggcc cagaaagggg ccttcccca gggcagggcc tgcgttttat 1200
tttcttctcc cctggccaca gcactgctgg cctggcctca ccaccatcta cgcagcaggc 1260

```

```

cagggggtttg ggggcaccaa taagggtgggt gggaaaaggg gtgtcttttg catgcattct 1320
gcttgggggt gagagagaa tctggtggga ctgtgaacct gccctcatag gccccgagcc 1380
ctgcccagtt ca 1392

```

```

<210> 356
<211> 908
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (908)...(2)
<223> similar to gi439877 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 356
aagtacaaaa gatttaaatt ttgatgaagt caagtttttc tgtttttctt ttttcacttt 60
atgattttta tattatatct aaaaaggcct aatgttgaga agctttactc ctatgttttc 120
ttctaaagtt ttatagttta catttaggtt tatgacccat cctcacttta agtttttagca 180
tatggtgtga ggaagggtt cattttcatt cttttgcatg tagatgtctg gtagttccag 240
taccatttgt tgaaaagaca gttctttgta cattgaattg tcttggtatc cttgttgacc 300
tctcatctgt ggccccattc ctggctctag attctctcct tcatttttca tttatccaag 360
gatctgtgag tttagttaag tcactttcta aggctgctcc ttttgcccat agttctctcc 420
cattagtcaa aaatagttat tgaacattat ttattgagtg ttccagtaaa tgatagggca 480
atgaacacac acagtgtccc tactcttggt gtgttacggt ataaaatact tcagagtttg 540
tagatgaaac ttaatttttt tggctggtct tttcttagaa accagtattt aaaaatctga 600
atatcaaaaa aaaaaaaccc tcttaaaagg ccagtaattt aaattttttt cattttaacg 660
gggattaaaa aaaataaatt taaaattttt ttttttttgg gggcaaagtt tggctttttg 720
gccaaagtta aaggccaggg gggaaatcta atttaatgga accttccgcc tcgggggttaa 780
aacaattttg ggggcctaac cccccgaaa actgggaaca acgggttggc cccccaagcc 840
ccagtaaatt ttggattttt aagtaaaaac ggggttcccc cttgtgaatc aggcgggtct 900
aaaacccc 908

```

```

<210> 357
<211> 996
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (725)...(996)
<223> similar to gi2981631 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 357

atctcctggg	tttaagcaat	ccgcccactg	cagtctccca	aggttctggg	attacagatg	60
taagctacca	agcctggcct	tgtgggtgga	ttttaaggat	tccttaatat	cttcataaaa	120
accaagaaac	tttttactca	aattagcaaa	ataaattgaa	ttttatgttg	gttctcatat	180
agtggatagt	ggacacaatt	caattagttg	cctcatatga	tttataacta	agataacctct	240
tagccataaa	tggagtatct	tattgacaat	tttgaagcat	ttccacagat	ttattcattc	300
atztatatga	aatatattcaa	aacaaaaata	tttactgagt	ccttattttga	aactttttat	360
tttcttcaga	gcattttatat	ctatatagca	ttttgtctcat	ttacatgttt	gtttattact	420
atgaacagat	acacaagatc	ccacctttcg	tgaagcttac	attctaggaa	gataacaaac	480
ttgtaaataa	gtgagcaaag	taatttcaga	tacatattat	cagttcaatg	aagaaagtaa	540
aacatgataa	tcatgtaata	gaagctgctc	agcaacttca	gagctatggt	cagggagggc	600
ctggggatgt	gtgtttgacc	tgggaagacc	tgggaaaagg	caggcagagg	aggcagagga	660
ccatcaagtg	caaagactct	aagggtggaaa	cacatttggc	aaattcaagg	aataataaaa	720
ccgccaacgt	gtaaaagaaa	acatagggga	aaagcttcat	gacactggcc	ttggcaatga	780
tttcctggac	atgacaccaa	agaccaggca	acaagaccaa	aaataaacac	atgagactac	840
agcaagcaag	cttccccaca	gcaaaggaaa	cgattaacag	agcaaaaagg	caacctatgg	900
aataggagaa	agtacttgca	aaccacatac	ctggtaaggg	gttaatctcc	aaaatacata	960
aggaatatct	gcaactcaac	aacaaaaaaa	cctgat			996

<210> 358

<211> 935

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (13)...(935)

<223> similar to gi2689442 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 358

cggacgcgtg	ggggaaaatt	ctatagccac	aagttcagcc	ttatcaatca	ttggcgtggt	60
cacactggag	aaaggcctta	tgagtgcagt	gaatgtggga	aatttttttag	ccaaagctca	120
agcctcatgc	aacatcgaaa	agttcacact	ggagaaaaac	cttttaagtg	caatgaatgt	180
gggagattct	ttagtgagaa	ttccagcctt	gttaaacatc	agagggttca	cactggagca	240
aagccttatg	agtgcaggga	atgtgggaag	ttttttcgcc	acaactccag	tctttttaaa	300
catcgaagga	ttcacactgg	agaaatgcag	tgattgtgtg	aaatccttta	gccagcggtt	360
caacctcatt	caacaccaga	aagttcacag	tggaaaaaat	cttgaaggta	acagatggaa	420
atccgtttag	cacacctcca	gtctcattca	acactggaca	gtttacaatg	tggacaatgt	480
agtgaatatg	gaaaaagggt	tcagccaaag	gcctaaccct	attcaacacc	agaaagttta	540
gaatggagaa	aggccttagg	gtgacagggt	atgtactgtc	tctgaatcaa	tatgacctca	600
cttaaaacag	aaactctgag	gatggccttt	atgagggagc	tggcaattga	acatcattca	660
tctaaatatg	cacactggag	gcaagatgag	aattcctgac	agattgtcct	tcctgagaag	720
acagccctct	gccttggagc	tccagagaga	gggagccctg	tattcttggc	tgtacccgtc	780
gaatggagtt	ttgatctcgc	tgagtttgga	gttgggggag	gaaaggagtg	gtcttggttc	840
aaatgtgact	cacttttgct	gttcttgtga	atggttagatc	ttctttaata	aatatattatt	900
tcccatcac	ccttatgacc	attaaaaaaa	aaaaa			935

<210> 359  
 <211> 732  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (230)...(727)  
 <223> similar to gi4101720 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 359  
 ggagacgaat ccatggccaa gaatgcagac tgggaaaacc agctaagcca ggcgcgcaag 60  
 gagttggaga ccctgcgggt gaggctgggg cggttggttag gccaggcgcc caagaacagg 120  
 ccagctgagg cttctaggct tgacatctcc ctccaccccg ggaagaagat ggaggcttgg 180  
 tgccaaggag cctgctggtg ggcactgacc cctcccgtgg gggttcgtagg agcgcttcag 240  
 cgaatcgacc gccatgggag cctccaggcg tccccagag cctgagaaaag cgcctcccg 300  
 tgccccgacg cggccctcgg ccctggagct gaaggtggag gagctggagg agaagggggt 360  
 aatccgtatt ctgcgggggc cgggggatgc tgtctccatc gagatcctcc ccgtcgctgt 420  
 ggcaactccg agcggcggtg atgctccgac tccgggggtg ccgaccggct cccccagccc 480  
 aggtgcgcag gagcttcagg ctggcgggga tgcggggcag ggtctggagg ggagcccagg 540  
 ggcatctgtg gcgggcagag ttgggcgagg gaggtttgga ttgtaggctc ggctcaggta 600  
 ggagcgcagc cgtagagcgg agaggcggag aggggcccac ccaagtcaag gagctgactc 660  
 gcgcctcccc caccgcgcgc cctcgctggc tcagatctcg cacctgcagc agagccggct 720  
 cccggagcag ac 732

<210> 360  
 <211> 1031  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (361)...(1016)  
 <223> similar to gi2388676 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 360  
 tgctacgtgg aaagtctcag atgtattacg cttttgctca gcttaccatg aacacttcct 60  
 aatgtaatat cccagcagc agaagacaga aatgatgatt ctgtataaag atacttggct 120  
 ttcagcaaac catcttcggt agatacagta acagaacttc cctgcagttt atctatggct 180  
 acagcacttt tatctgatgc atgaatatct atatttccat aaactgttcc cagacagatc 240  
 acttcgcctc cttttgtttg aacatgcaat ttttgaccct taacagactg caagatacta 300  
 gtcccatgct ctgtttcaat tttgcaatta tcaccctcaa tactttgaac ttttacacag 360



```

ccagaccctg atgacttgat atctaaacct ccacggacgc ctgggggtgg atagtatcag 420
acacaatggc catctcctcc agatcctcgt cgtacttcac ctgcaggccg tccaggcccc 480
gcacgccgcc ctccacgccg cacaccgcga ccagcacgcg gtcgccatcc gggtaggtga 540
gggggtccag gggcctcacg gccagggtggc acgggagccg cggccgcagc cgaccaaacg 600
ggctcacctg cagtgtccac tccttcagag ttcggcgcg cgggccaggc ggagggacct 660
cagtctccga tccgggccag cgctcgctcc cactgagct gtacggcctg gcttggcaag 720
cccagcaagc ccagcgccca gcgccagccc acagtcggac ctgacggaga cagagacgga 780
agcagccaag ctcccaacct gagcaggggg caagcatggc gcgcctctct cgccagtcct 840
cagaacactt cagccacagg gagggtcact tgccacggcc aatcgacttg gccactgtgc 900
cgctcaagt caaataggag acgtaagtca gggtttgctg aaacaagagc gagccggttg 960
gcttgactag gcgttctaaa catcagccgc gcaatcccca ggggcaagtt gggatttgaa 1020
agctcacgaa a 1031

```

```

<210> 361
<211> 567
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (388)...(457)
<223> similar to gi3877572 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 361
aacattggct tgagattcca agcagaaatc cctgaactcc aagatatctc tgccctggcc 60
caggacacac acaaggccac actggtatgg aagccctggc cagaactaga aaaccatgac 120
ctccagcaaa gagtggagaa tcttctgaat ttgtgcagtt ccagtgcatt gccagggtga 180
gggaccaatt ctgaatttgc tttgcactct ctgtttgagg ccaaagggtga tgtgatggtt 240
gctctggaaa tgctgtact gcggaagcct gtcagggtta aatgtcatcc tttagcaaat 300
taccactatg ccggttcgga caagtggacc tccctagaaa gaaaactgtt taacaaagca 360
ctagccactt acagcaaaga ctttattttt gtacagaaga tggatgaagtc caagacggtg 420
gctcagtgcg tggagtacta ctacacgtgg aaaaagatca tgcggctggg gcggaaacac 480
cggacacgcc tggcagaaat catcgacgat tgtgtgacaa gtgaagaaga agaagagtta 540
gaggaggagg aggagaggac ccggaag 567

```

```

<210> 362
<211> 522
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (189)...(476)
<223> similar to gil655699 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 362
ttatttagtt ccttcatctt gatccatctg agtttgcagc tttgcaaacc atgagaaaaa    60
ctgctgtgcg gtttcaattc tttcttcttc cattcctaag gaagtgaagc ctttcaagag    120
aatgtcttct gtagattcag gcactactga agtcagttca atgggcagtg actgggatgt    180
taaactgcac aagtcttcaa ttggaagctc agctggcacc ggcaagttct ctgccgccgc    240
cttcagctcc aataccgagt ccgtctgcct gtcggtcagc ggcgccgtcg tgtccggtct    300
ccgatcccag agagccagct tttccctagc gtcccgtctc gccgccgctt caggcagcag    360
caacagcgcc gcctccgccg tcgccgccgc cctcgcggcc ttcagcagca gcgagatgga    420
ggggaccccc acagagagac ctggggccact tccgggagaa ccggagcttc caacactgca    480
ccggcgggcgg ggcggggacgg aatgcccacg aaatcgtcga ct                    522

```

```

<210> 363
<211> 601
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(601)
<223> similar to gil58695 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 363
ctccaccttc ctggcctctc tggctagcgc ctgcctcagc ttagctgcct ctatcttgag    60
ctcgtcacc tctgcccgcc tggcctcctc ccactccctg gcctgggcgg aggcggcgtc    120
atagcgctcc agctcgaggt cccgctcctc cagcacctga aggttgtaga caaagtcctc    180
ctgcagacac cgcagtttcc cctgcgcctc ctccagctgg ctccgtgtgt cctgcagagc    240
cgcctcctgc agctgggtgc ggtgtgcctg cagcgccctc cactcctcct ccttgcgaag    300
cagcagctca ttcaggggcg gctctgagcc cagtggcagc atggtggccg cctgtggtct    360
gacctctctc caggcaggcg gtgttggaac tgaaccgaag gacaccgcc gagtctgcgg    420
cagaactgac tgctcatgtg ctggtgaaaa cctccctctc ccaccacatt tgatcacaga    480
agtcttcctc tgtgtgatg attcttgtgg tatcagagta gaggaaaaaac agtttcagtt    540
ttccagaaat accctaacgc ccgccagcag cgctggccag gtcccgccgc gttgcacgaa    600
a                                                                    601

```

```

<210> 364
<211> 1262
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

```

**Q**uestions & Answers

<400> 364

<210> 365

<212> DNA

$\langle 220 \rangle$

 $\langle 222 \rangle \quad (228)^- \dots (1023)$ 

<400> 365

223

ttaagcccca	cctacaagca	gagaaatgaa	gacttcagaa	agctctttaa	gcagcttcca	480
gacacggagc	gcctcattgt	tgattactca	tgtgcactcc	aaagagacat	tctccttcag	540
ggccgactct	acctctctga	aaattggatc	tgcttctaca	gcaacatctt	ccgctgggaa	600
actctgctga	cagtccgttt	gaaagacatc	tgttccatga	ctaaagaaaa	aacagctcgc	660
ctcattccca	atgccatcca	agtttgact	gattcagaaa	agcacttctt	cacttcgttt	720
ggggcccg	ataggacata	tatgatgatg	ttccggctct	ggcagaatgc	tctccttgaa	780
aagcctctgt	gtcccaagga	gctctggcac	tttgttcacc	agtgcctatg	gaacgaattg	840
ggcctgacca	gtgatgacga	ggactacgtg	ccccctgacg	acgacttcaa	cacaatggga	900
tactgtgaag	agatccctgt	ggaagagaat	gaagtgaatg	acagctcatc	caagagcagc	960
atagagacca	agccagatga	cagtccacag	ctgccaaga	aatccatcac	caacagcact	1020
gtagtggcgc	gctctctgaa	tcaacttgg	cgtcg			1055

<210> 366  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(384)  
 <223> similar to gi4240217 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 366	
ataacacttg	tttgggaggc
ctcaggccca	ggtttgctat
gctctgcaag	gagtcctggc
ccgggccgtg	agcgactagt
tgtgatggcc	agcgttcaaa
ccatcagcag	cagtgtctgg
gcggggcagg	tatgaggagg
ctcgggtcagt	actcttcattg
gcgtcctgca	gaatccggct
gccgtcttgc	tcagagcacg
tctccgcaag	cagtagagct
gtcaaggccg	cccagctaga
gagcaagcac	agcatgagca
agatgatt	

<210> 367  
 <211> 888  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (28)...(702)  
 <223> similar to gil80392 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 367
tttcgtaaaag aaggttccaa gctggagctc ccagggagat ggggaaagtc gggggaatgg      60
cagccctgtg tggcacctgg agacaggggt gccaggaaga gaacgggcag gatgcccatg      120
ctgatcagag gctcagtacg aggacagaaa tgaccttcag catcggcca gctgagagcc      180
agcctggagg ttaccagca gcaggccacc caggccgaag gccagctact agagctgcgc      240
aagcaaagca gccagatcca gaactcggcc tgcattcttg cctcctgggt ctccggcaag      300
ttcagcagcc tgctacaggc cctggaaata cagcacacga cagcactgag gagcatcgag      360
gtggccaaga cgcaggcgct ggcacaggct cgagacgagg agcagcggtc gcgggtccat      420
ttggaggctg tggctcgcca tggctgcagg atccgggagc tcctggagca ggtggatgag      480
cagaccttcc tgcaggaatc gcagctcctc cagccccag ggcctcttgg gccactgacc      540
cctctgcagt gggatgaaga ccaacagctg ggtgacctga agcagttgct aagccggctg      600
tgtggcctcc tcttgggaaga ggggagccac cctggggcac cagccaagcc tgtggactta      660
gccccgtgg agggcccagg tcccctggca ccggtcccaa gcacagttag tccactgagg      720
aggaaactct ggcagagtaa ggaggccgtt cgtgtatgtg tgcccctgtg tgtgcgtgag      780
caaggaagtg cctgtgtgtg ctgtgagcac gtgtgtgtgt gcatgttcgt atgcacgtgt      840
gagtgagggg ggcacttggt ttgactgtcc tgccgggaca tctgagcc      888

```

```

<210> 368
<211> 414
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (104)...(411)
<223> similar to gi2197085 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 368
gaaaggaaat aatgtttatc agaaaaaggg aaaggggtgt ctagggcaac tagggtgaat      60
atttgaaaag atatgtctctg acacgcaaga atttatttca ccagaaataa atccacaaat      120
ttgtagttgg ttgatttttg acaaaggtgc caagaacatg ccacaggaaa ggacagtctt      180
ttcaataaat ggtcttggaa aaactggcta tctacatgca gatgaatgag accaggccct      240
tatttcacac catatacaaa aatcaactca aaatagatta aaatgcaaac ataagatgtg      300
aaactgtaaa actactggaa gaaaacacag gggaaaatct ccatgatact ggtctgggca      360
atgttttctt ggatatgacc caaaaaacac agccaacaaa acaaaaatag acag      414

```

```

<210> 369
<211> 929
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (291)...(885)
<223> similar to gi52998 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

<400> 369  
ccgtgtggtg gaattcccaa ctcatcagtg gacaacacgt tgagatcttg aaactggcca 60  
cagcatggat atttacacca aagaaattgg caaatgctat aaaccatgga tttttttttc 120  
ttttgagaga gagcaagctc aatattccaa cttaccagct cactcctgac cctcaccacc 180  
cactcttttg gagcaggtgg ccagaggaag gggcaccctg agcttagctc cccggcaggg 240  
caggaaaggg cagggattct gaagtccaca cacaaactca ggctccccta cccagccaa 300  
ggtgcatttt cccttcaca cctgtgacct gaggatcgac ggagactgct tcatggtgct 360  
ttcagaggca gacacctatt acagagccag gatgaaatgt cagaggaaag gcggggtgct 420  
ggcccagatc aagagccaga aagtgcagga catcctcgcc ttctatctgg gctgcctgga 480  
gaccaccaac gaggtgattg acagtgaact cgagaccagg aacttctgga tcgggctcac 540  
ctacaagacc gccaaaggact ccttccgctg ggccacaggg gagcaccagg ccttcaccag 600  
ttttgccttt gggcagcctg acaaccacgg gtttggaac tgcgtggagc tgcaggcttc 660  
agctgccttc aactggaaca accagcgtg caaaacccga aaccgttaca tctgccagtt 720  
tgcccaggag cacatctccc ggtggggccc taagtcctga tgtcagacca catggttacc 780  
tcgtctgccc tggtagcacc ttatctgttt acatatacga acacaatgct ggatcattgc 840  
cccattttat accataagaa ttattcttcg ataaatatca tacattatca catgctctct 900  
attctaatta ttactactgc atcctaaat 929

<210> 370  
<211> 387  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (6)...(387)  
<223> similar to gi4454678 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 370  
caagttctca attcttaaga gacatggcga taattcatgc tgaagaggaa ctctacaaac 60  
ctgaaagatg caacagtgtt tttaccacca cctccaactt ttgtatacat aaaaataaat 120  
tatactaatt tgaaaccctg gaaatgtatg aatgagaca aagcgtttat atggttgcca 180  
cacttgattg taggtaagag aattaatgct gccaaaactc ctacaagtgt gaagaatgtg 240  
gcaaaaacttt tgagtgttta caccttattt cacaggaaag cttttatcct tgagaaaaat 300  
cgtacagata taaagaatat ggaaacgcca ttaacgcca ctcacatctc aacagaaggt 360  
tcatagttaa taaaagcaat aaaagtg 387

<210> 371  
<211> 438  
<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (40)...(10)

<223> similar to gi3659694 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 371

cctttcgaga	ccctagtcag	tgtgggtggaa	ttccctgcag	agcggcgga	ccacgcgcgg	60
gagctgggtgc	ggtcggagga	gctgggcccgc	tgggacgctc	tggtgggtcat	gtctggagac	120
gggctgatgc	acgaggtgag	gaccgcactg	cgcggttagg	cctgggggctt	ggcgcggtgc	180
gtcccaggct	gaggccacgt	gtgcttcaac	aggtgggtgaa	cgggctcatg	gagcggcctg	240
actgggagac	cgccatccag	aagccctgt	gtagcctccc	agcaggctct	ggcaacgcgc	300
tggcagcttc	cttgaaccat	tatgctgggt	gagagcccag	ggccagagta	ggcctgtttc	360
ccgtcagtgc	tcctctaccg	cgggggtttt	cttgtctaag	ctcccatagg	ctgagatcat	420
ttccatttcc	ccttctcc					438

<210> 372

<211> 511

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (44)...(511)

<223> similar to gi2981631 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 372

atcgaataac	tattcagagt	ggcggaattc	caacatttct	gcagaaatag	aaaaatcaat	60
cctaaaattc	atacagaatg	tcaagagacc	cccccccccg	atactcaaaa	taatcttgaa	120
aaagaacaaa	gttgggaagtc	ttcacttact	gatctcaaaa	tttaacacaa	aactacagta	180
accaacagta	tggtactggc	ataaaaaatta	gcatataaac	caatggaata	gaataaagag	240
cctagaagta	aatctttaca	catatagtca	gattttttgac	aggggtgcc	agaccattca	300
gtggagaaaa	tagggtcctt	tcaacaaatg	gtgttgggaa	aactggatat	ctacatacaa	360
aaaaaagtgtg	gacccttaca	ccatatacaa	atattaactt	aaaatccatc	aagaactagc	420
tccatccact	aaggttggaa	gaaaaaagag	agctagaatc	attaaactct	ttaaaaaaga	480
agaaaaagaa	ttattggccc	cgtgtggtgg	g			511

<210> 373

<211> 668

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (76)...(610)

<223> similar to gi5714696 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 373

ggccacaga	tgaccccta	cctctgacat	ttgataaagc	tgggggtgac	ctagggcgag	60
gggcagcagt	ggcagtccac	gcccctctct	ccactgcagc	ccaccgttgc	agatttcctt	120
aacctggcct	ggtggacctc	tgctgccgcc	tggtgagtcc	tgagcgggag	gtgggtagag	180
aaggtgctcc	ctggccggga	gggctcagaa	gagaagtagg	gcatggcatc	gtcctctgct	240
gaccacctgc	actcggctcc	ccgtgcgctg	caggctccctg	ttccagcagc	ttctctacgg	300
cctcatctac	cacagctggt	tccaagcagg	taggtagggc	tttggaggcg	cctcctcaag	360
tccgggtccc	caatctgagc	taagacgact	ccatggggag	ggtggggtct	acgactgagg	420
gaggccggag	accttgccag	ggtctgtggg	cggagctgag	gcgctctggg	ccctcgcaga	480
ccccgcggag	gccgagggga	gccccgagac	gcgcgagagc	agctgcgtca	tgaaacagac	540
ccagtactac	ttcggtcgg	taaacgcctc	ctacaacgcc	atcatcgact	gcggaaactg	600
ctccagggtgc	tggcagtggg	gcgggaccag	aggccaaggg	cggaacctgt	gagcggcctc	660
atgccgaa						668

<210> 374

<211> 1891

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1892)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (178)...(1672)

<223> similar to gi3834294 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 374

gcggtggaat	tcctggcaac	tcgtggtggc	cgcttcagga	ggtgagcctg	gtctctgcct	60
tgcattcatt	ctggtctggg	tgggcgttgg	tttctgtcga	tcctcctggt	gtttacctcc	120
tgacagacact	gctaggggct	ctgtgagcca	gcagctcccc	catccgccct	ccccatgtca	180
gccacctact	gtgtgggaga	tggtgccagg	cagggcctca	ggaggacacc	cctgggtcag	240
ggctccccag	acacctcaga	gacacccag	aatcctaagg	gcagcagtcg	ggtactctgc	300
cccggggaag	tgggtgccag	ttcgtctcct	gccttctagg	tgagcagcta	ttcctggagc	360
cagagctggt	catccccac	cgccagcacc	gactcttcac	ggccccaca	ttcactggga	420
gcttcctgtc	accctggcca	ccagcgggtca	ctgatgcctc	cttcaagggtg	aagagccacg	480



tctacagcct	ggagggccag	gactgcaagt	acaccccgat	gtttgggccc	gaggcccgca	540
ccctggtcct	gcgcctcgct	cagctcatca	cacaggccaa	acacacagcc	aagtccatct	600
ccgaccagt	tgcggagagc	ccggctggcc	actccttcct	ctcatggctg	ggcttttagct	660
ccatggacac	cagtggctcc	tacacagcca	acgacctgga	cgagatgggg	caagacagt	720
tccggaagac	agatgaatac	ctggagaagg	ccctggagta	cctgcgccag	atattccggc	780
tcagcgaagc	gcatctcagg	cagttcacac	tcgccttg	caccacccag	gatgagaatg	840
gaaaaaagca	actccccgac	tgcacgtgg	gtgaggacgg	actcatcctt	acgcccctgg	900
ggcggtagca	gatcatcaat	gggctgcgaa	ggtttgaaat	tgagtaccag	ggggaccctg	960
agctgcagcc	catccggagc	tatgagatcg	ccagcttggt	ccgcacactc	tttaggctgt	1020
cgtctgccat	caaccacaga	tttgaggagc	agatggcggc	tctgtgttcc	cgggatgact	1080
tectcggcag	cttctgtcgc	taccacctca	cagaacctgg	gctggccagc	aggcacctgc	1140
tgagccctgt	ggggcgagg	caggtggccg	gccacaccgg	cggccccagg	ctcagcctgc	1200
gcttcctggg	cagttaccgg	acgctggctc	cgctgctgct	ggccttcttc	gtggcctctc	1260
tgttctgcgt	cgggccccctc	ccatgcatgc	tgctgctcac	cctgggctac	gtcctctacg	1320
cctctgccat	gacactgctg	accgagcggg	ggaagctgca	ccagccctga	aggtggcagc	1380
tgccttcaga	gcaggctgga	gggatttgcc	acacagcccc	acccttgggc	tgagaggacc	1440
tgggaagccc	ctccaggagg	gaacacggtc	atcctcaggc	ttctggagcg	gggttcctgc	1500
agccgcagag	gcatctggag	gaaacacaac	caagaaagga	aggcagttgg	gccccagcaa	1560
aggagtggct	accagggctc	aacagccacg	ctctgtgaca	gcgcagagct	cagcgccggc	1620
ctttccctcc	ctctgccaa	gactcatggc	caagccagct	ctcggggcct	tttttccagt	1680
gcccatttgg	ctactctgct	gcaccaagct	tgggagccag	cctgccaa	gccgcctggg	1740
cctggcctcc	ccactggctg	gccttgaggt	aggcagagt	ggttgtggcg	cctcctctct	1800
ctgtntggga	ccaggacggt	ggcttaagtn	tccactccag	gaaagaatca	aagtttctag	1860
agttgtgaga	aaaccagaga	gtggctctcc	t			1891

```

<210> 375
<211> 2242
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(2064)
<223> similar to gi30041 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 375						
tgcggccgct	gcagagcacc	gagctgtgtc	cgggcggggg	agcccgcgtt	gtggcagtgg	60
cggcgctccg	aggccgctg	gtgtggtgcg	aggagcgga	ggcccggggc	gagggcccgt	120
cagggctcgc	agcagccgt	ttcagccact	gtgtgtgcgt	ccggactctg	gagcccagcg	180
gggaagctag	caccagcctg	ggccgcacac	acgtcctgct	gcaccactgc	cctgccttcc	240
gggctgcctg	ggctccctgc	agacaactct	tcctgggtgcc	cactgccacc	acctggcctg	300
gcgtggccca	cgttctactc	atctggagcc	caggcaaggg	caaagtgatg	gtggctgccc	360
cacggcttgg	tctctcctac	agtaagagtc	tgaatcctgg	acgaggggac	acatgggact	420
tccggaccct	gtcccgaggc	cttctctggg	tgctgtcccc	cagggagcca	ctggctgtac	480
acacctgggc	cccaactccc	cagggcctgc	tggtgcttga	cttcggggggc	actgtgagcc	540
tattgcagtc	ccacgggtgt	acgcgggctg	tgggcaccct	gcaggaggca	cctgtaggcc	600
cgtgggggtc	tgcagcccta	ggcacatttc	agggcactct	ggcctgtgtg	ctgggctcca	660
cattggaact	gctggacatg	ggcagtgggc	agctgctgga	gaggaaggct	ctaagtacag	720
acagggtaca	tctgctagaa	ccgccagccc	ccggcatgga	ggatgaggaa	gagctggaga	780

```

cccgaggggaa tcttcgtctg ctttcagcct tgggtctgtt ttgtgtgggc tgggaagccc 840
cacaggggtgt tgagttgcct tcagccaagg atctgggtgt tgaggaggcc tgcgggtact 900
accagcggcg gagcctgcgg ggtgcccagc tcactccaga agaactgaga cacagcagca 960
cattccgggc acctcaggct ctggcctcca tcctccaggg ccacctgccc ccatctgcac 1020
tgctgacctat gttgaggacc gagcttcggg attaccgagg cttagaacag ctgaaggccc 1080
agctgggtggc tggggatgat gaggaggctg gttggactga gctggcggag caggaagtgg 1140
cacgcctgct gaggactgag ttgataggag accagctagc ccagctcaac accgttttcc 1200
aagcccttcc tacagcagcc tggggtgcca ccctcagggc cctgcagctc cagctagatg 1260
ggaatggcaa gctgaggtcc caagcacccc ctgatgtgtg gaagaaagtg ttagggggaa 1320
taaccgctgg aaaggaaccc cccaatggaa tactgcccc ctttgaactc ctgtgccagt 1380
gtctgtgcca gctggagcct cgatggctgc caccctttgt ggagctggca cagcagcagg 1440
gcggggcggg ctggggggca gggggcccag gactgcccct gtatcgccga gctctggcag 1500
tgctaggtga ggaggggacc aggcctgagg ctctggagct agagctgctc ttgagcagtg 1560
ggcggcctaa agctgtgctc caagctgtcg ggagctgggt gcaaaaaggaa caatgggatc 1620
gggctctgga tgctggcctg gccctcggcc cctccagtcc cctgcttcga agtgaaatct 1680
tcaaactgct gctggccgag tttgcccagc accgcccggct tgatgctcac ctccccctcc 1740
tttgccgcct gtgcccacca gaactggctc cagctgagct cctgcttcta ctgaggacat 1800
acctcccaga tgaggtgggg cccccaaccc cattccctga gcctggagca gagccccctc 1860
tactgtggg cttgtctaaa gccctgctgg agcagactgg ggctcaagga tggctgtcgg 1920
gccagttct aagcccatat gaggacatcc tatgggaccc cagcactcca ccccgactc 1980
cacctcggga cctatgacta cccttcaggc atcagaacac tcagggcctg gaggcttgct 2040
tgggactgga ggcttgcttg gacagttcct ctgtgtcact gacacaggaa atcatttcta 2100
ggacacagtg atcaggggaag ggtgcctggg acttgagggg tcccatgtat ggacctgtgt 2160
atgcaatact gttctgtcat ctggagctat ttttaagatg tgtgtgttaa atatatacat 2220
agtttaatat ataaaaaaaa aa 2242

```

```

<210> 376
<211> 507
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (42)...(433)
<223> similar to gi2981264 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 376
tctgaggccc caagggaaga ggctgcactc cacctctctg ccccgttcgt tctgtgtatg 60
cccctacaag aatgctcacc tcttgccctc aggttgcat tttcaactcc gctggagcca 120
atgcccagga ggagcaggca cggttatgag agcaggtgaa agagcagagg gtgtgctgcc 180
agcgcattgg tcacctggtg gcctcagccc agcagaagcc agaggcagcg gtcccagccc 240
cagtgactag gggccagtct gtgagtgggg agaccacccg ggccatgcag gaggtcatgg 300
agaagctgga ggtgactgag tcctggcatg ggccaagaag ggcaggggtg ggtgttgctg 360
ccgagatgtg accccattat tttggctcca gagtggcctt atggacctcc tggaggagaa 420
ggtggacctg agggagcgag cggagaaact agaacttcga ttcattccagt actggaaaga 480
cagaagtcac cagttagtgg gaattcc 507

```

[illegible]

```

<210> 378
<211> 1723
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1472)...(101)
<223> similar to gi2605798 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 378
taccagttct ccaacaggcg gctcatgccc ttagagtaca catccccagc atctgtgcat      60
cacaacactc ggtccggtgg tggctctgct cctacacaca ccaggacctg ggccttgaga      120
ggaccctcct tcctgatatc ctctacagag atgtggcctt cctcaaccocg gtcgacccca      180
tctcccatga cctgcttgctg aacctggccc gggacctgca gtgccccaaag aagctgcccc      240
gaaccccatg ctgacagcac ctgcagatgt cctgccatga gcatcgacac agccccagga      300
tgtgtggctg tgaccagcca ccggacccag actcctagtc acagtgagtc cccaacccaa      360
accagggtat ccgctctggg ccctgccagc tctgaatgcc caggtctctg cacagtcggc      420
ccctaggact ctgcgccctag cccacggcca tcacaggaaac agccagggtc tgcagctgct      480
gtgtgtgctg cctgctcctg gggctgctca cacagggact ggataaagga tgcagtgagg      540
catgctcagt gccagctttg tggggccgcgc acctcggatt ccacctgag ctgggcctct      600
gccggagccc agttaggact gagagagagc caqgtqgtqg tqctqtaaaa cattacatcc      660

```

```

cccagccctg tcagcccaga cccagacccc gcaggcgcag tctcgcttgg agagtgagag 720
gaagaagaac acgctgacct ggcttggtcc tactccctgg gattggcgtc agtggagcac 780
ggctccctcg aggggcctgg tctggcctcc tccccctgtg gactatgagc tctggaagtc 840
ctcggacaag atctgccgac agctcatcta ccacctcacc cctcactcga agcagcagca 900
aggggtccagc ctgcgccaga ggaagaccca gagctgcctc aagagcagcc tccagaagac 960
tctgctggca ggggagactg tggacctctc aggcattccg ctgtcgacac aggacgtgca 1020
acacatcaca cgctacctga gcagccatgg tgctgtgctg gcggtgctgg acctgagctt 1080
cacggggctg agtgatgagc tgctgcacct cctgctgccc agcctgtggg cgctgccccg 1140
cctcacccag ctccctgctca acggcaaccg actgacgcgg gccactgccc gcaagctcac 1200
tgatgccatc aaggacacca ccaagttccc tgctttggct tgggtggacc tgggcaacaa 1260
cgtggatgtg gcttccctgc cccagcccct gctggtcggc ctgcgccggc ggctgagcca 1320
gcgcacctca cccccacca tctacgaggg cctggacctt gagcctgagg gcagtgcggc 1380
cgggggccacc acccctgcct ccacctggga ctccacagct gctgggctgg gacccgagcc 1440
ccaggcctgc tgtgccaggt gacccaccac ccacctggct cattgctact gacttgtgat 1500
gctctcaagc acatgatagt gggcgatgaa ggtcaaggag gactcacagg cccccagaaa 1560
tccagtgtaa atgctcagcc tgagattaag gggacagaag aatggactca taggtggcca 1620
ggtggccagc cctggctaga ggctcagcct tccctcagtg ggagggggccc cagcaccac 1680
agtgtggacc ccgcaataaa gagtgcaccc cgcaaaaaaa aaa 1723

```

```

<210> 379
<211> 489
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(490)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (3)...(403)
<223> similar to gi2197085 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 379
ntgatatgat tgtataccta gaaaacccta aagactcctc caaaaagctc ctagaactga 60
tagaagaatt cagcaaagtt tccacataca aaatcaatgt acacaattca gtacctcccc 120
tatacaccaa caggaaccaa gctgagaatc aaatcaagaa ttcaaccctt ttctcaataa 180
ctgaaaaaga aatactcagg aatatacata atcaaggagg tgaaagacct ctgcaaggaa 240
aactacaaaa cactgctgaa agaaatcata gatgacacaa acaaatagaa acacgttcca 300
tgctcatgga tgggtagaat caatattgtg aaaatggcca tactgcaaaa agcaatctac 360
aaattcagtg taatccctat caaaatatca tcatctttct tccgnacgcg tgggtggacc 420
cgggacctcc atnccnnang cncntgcgna cgctgcagtc caccagggnn nncgggcncc 480
gctcctccc
489

```

<210> 380  
 <211> 623  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (37)...(604)  
 <223> similar to gi854065 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 380  
 aagaaacacc gcatcttgcc catgcgagcc tggatcatgcc aacctgtgag tctctgttaa 60  
 tttccgtgtt ttcacgcccc cctgcgtgtc tgtgaatttc catgttttca cgcccacctg 120  
 tgcgtctgtg aatttccgtg ttttcacgcc cacctgtgag tctgtgaatt tccgtgtttt 180  
 caccgaccac tgtgcgtctg taaattttccg tgttttcacg cccacctgag agtgtctgtg 240  
 aatttccgtg ttttcacgcc cacctgtgca tctgtgaatt tccgtgtttt caccgcccacc 300  
 tgcgtctgtg aatttccgtg ttttcacgcc cacctgcgtg tctgtgaatt tccatgtttt 360  
 caccgcccacc tgtgcgtctg tgaattttccg tgttttcatg cccacctgag tctgtgaatt 420  
 tccgttttca cgcccacctg tgcgtctgtg aatttccgtg ttttcacgcc cacctgcgtg 480  
 tctgtgaatt tccgtgtttt catgcccacc tgcgtctgtg aatttccgtt ttcacgcccc 540  
 cctgtgcgtc tgtgaatttc cgtgttttca cgcccacctg cgtgtctgtg aattaccgtg 600  
 ttttcacgcc caccacgcgt ccg 623

<210> 381  
 <211> 523  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(525)  
 <223> similar to gi2065210 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 381  
 tcaaatgccc atggactcca ctccctgcc cctgccttct ctccctcagc ctgcacagat 60  
 ggcttcatgg ggagttctct atgacagtt gacagaggaa gagaagacta ggggctgact 120  
 catagatggc tttgcatgat acacaggcac caactgaaag tggacagctg cagcactaca 180  
 gcccttttct aggacgtccc tgaagggtcaa caatgaaagg aaatcttccc agtgggcaga 240  
 actttgagca gtgcacctgg ttgtgcactt tgaatgaaag gagaaatggc cagatgtgta 300  
 attatatact gattcatggg ctgtagccaa tgggttggct ggtcagggac ttggaaggag 360  
 catgattgga aacttgggtg caaatttggg gaagaggtat gtggatggac ctctctgagt 420  
 ggtcaaagac aagatatatt tatcccatgt gagggtcac caacaagtga cctcagcgga 480  
 ggagggggtt aataatctag tggataggat gaccatttt gtg 523

<210> 382  
 <211> 871  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (533)...(864)  
 <223> similar to gi2429362 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 382  
 tttttttttt ttccggcact aagtcaagtt ctttacttcc cagaagtgat ggctaagggg 60  
 agggaggagg gtgagaagag gaagacagaa agagccagag agaagtgagga ggtgagaagg 120  
 gggggacagt aaaccactgt tctatgaagt ctcacgaggc aagtgtctca ggtaaaaaaa 180  
 gagtcctgga gaatcgtcca cggctgcggg aagcatctcg gtttccttct gcttttaagt 240  
 cctctcaggg aaggctgtcg ccgctgccgc tgcattaaat agttatgtac atcgagaga 300  
 gtcccaggcc atgggcagggt gggggagggg cgtcatttca ccagggggccg agttttatca 360  
 tcgtcaccgc actgggtgagc tttgtacttt ttcaattctg ccatgtactt ggcccacgcg 420  
 tcacctttac ttgttaatac ctcatcctcc gtcttctgct tcttggtac tattcccgtc 480  
 ttgagggcta gtttggtccc gcctctgctg ttgcccacga agctaagtgt ggagcccgga 540  
 ccgcccttcc tcttcggatc cccggggcca gcggcgggcg ccgactggtc gggtcgctgc 600  
 ggaccggggg gcggctcctc ctgccgctgc cgtgctcct cctccatctt ccgcttgaac 660  
 agctccagga agctgccgtc gttggcgaac aagttcacgc cgcccgacac cgggctcgaa 720  
 cccgcgcccg acacctctc gtcccgcctc tcgggcgacg tccccgatcc cgactcagcc 780  
 caacggctcc cgccaccgcc accgcccgcg gggcccggag cctcccggcc ctgaggctcc 840  
 gcccgctctc ctccgggcagc cattttgtcg c 871

<210> 383  
 <211> 2219  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(2220)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (9)...(2012)  
 <223> similar to gi2529686 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 383
gaattcttgg acacttgtca tctgtgtact gtgtaacttt tgatcgaact ggcagacgga 60
tatttactgg ttctgatgac tgtcttgtga aaatatgggc aacagatgat gggaggttgt 120
tagctacctt aagaggacat gctgctgaaa tatcagacat ggctgtaaac tatgagaata 180
ccatgatagc agctggaagt tgtgataaaa tgatccgagt ctggtgtctt cgaacctgtg 240
cacctttggc tgttcttcag ggccatagtg catctattac atcactacag ttctcaccat 300
tgtgcagtgg ctcaaagaga tatctatctt ctactggggc agatggcact atttgttttt 360
ggctctggga tgctggaacc cttaaaataa acccaagacc tgcaaaattt acagagcgcc 420
ctcggcctgg agttcaaatg atctgttctt ctttttagtg tggtggaatg tttctggcga 480
cgggaagcac agatcatatt attcgggttt attttttttg atcaggtcag ccagagaaaa 540
tatcagaatt ggagtttcat actgacaaa ggtgacagtat ccagttttcc aacactagta 600
acaggttttg aagtggcagt cgtgatggga cagcacgtat ttggcaattt aaacgaagag 660
agtgggaagag cattttgttg gatattgcta ctctgtagc aggcacaaac cttcaaggaa 720
tagaagataa aatcacaaaa atgaaggtta ctatggtagc ttgggacga catgacaata 780
cagttataac tgcagttaat aacatgactc tgaaagtgtg gaattcttac actggtcaac 840
taattcatgt cctgatgggt catgaagatg aggtatttgt ncttgaacca caccgtntc 900
gatcctagag ttctcttttc tgctggtcat gattggaac gtgatagtgt gggatctggc 960
aagaggagtc aaaatacgat cttatttcaa tatggttgca gggaggaaac ccattcgttc 1020
tgattaatg gaactggaac acagaaaaca attatcagat tgaaggccaa ggacatggcg 1080
cagtatttga ctgcaaatgc tctctgatg gtcagcattt tgcatgcaca gactctcatg 1140
gacatctttt aatttttggc tttgggtcca gtagcaata tgacaagata gcagatcaga 1200
tgttctttca tagtgattat cggccactta ttcgtgatgc caacaatttt gtattagatg 1260
aacagactca gcaagcacct catcttatgc ctccctcttt tttggttgat gttgatggta 1320
accctcatcc atcaagatat caaagattag ttcttgcccg tgaaaattgc agggaggagc 1380
aactcatccc tcagatggga gtaacttcct caggactgaa tcaagtttta agtcagcaag 1440
caaaccagga gatcagccca ctgtacagca tgattcaaag actacaacag gagcaagacc 1500
tgagacgttc tgggtgaagca ggtatcagta ataccagccg tttaagtaga ggctccataa 1560
gttctacctc agaggttcat tcaccaccaa acgtaggact aagacgtagt ggacaaattg 1620
aaggtgtacg gcaaatgcac agcaacgcac caagaagtga aatagccaca gagcgggatc 1680
tggtagcttg gagtgcgaag gtggtagtac ccgagctatc agctggtgta gccagtaggc 1740
aagaagaatg gagaactgca aagggagaag aagaaataaa gacttacagg tcagaagaga 1800
aaagaaaaca cttaactgtt ccaaaaagaga ataaaatacc cactgtctca aagaatcatg 1860
ctcatgagca tttcctggat cttggagaat ccaaaaagca acagacaaat caacacaatt 1920
atcgtacaag atctgcattg gaagagactc ctagaccctc agaagagata gaaaatggca 1980
gtagttcttc agatgaaggc gaagtagttg ctgtcagtgg tggaaacatcc gaagaagaag 2040
agagagcatg gcacagtgat ggcagttcta gtgactactc cagtgattac tctgactgga 2100
cagcagatgc aggaattaat ctgcagccac caaagaaagt tcctaagaat aaaaccaaga 2160
aagcagaaag cagttcagat gaagaagaag aatctgaaaa acagaagcaa aaacagatt 2219

```

<210> 384

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (770)...(197)

<223> similar to gi4263748 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 384
atcatcaaaa agaaggccga tttcatgtgg tttttcctgg ctgtcgggtga gtccacagct    60
aagaaaaacac taattcagta caacctaaag tgtaatctgc tagtatcttt tacagctggt    120
ggtggtaaaa atatgtgtac agcgggaagaa taattggaca aatttacaaa acttgtgaaa    180
atgtaagggtg gtttattcat tgtgttattc atcagcaggt actttgcaga aaatatctta    240
atztatcatg tgttattgaa ctcttagcat cagtaatttt acttggtttt gtgaatcatc    300
atcagttcca taagtttttg tcagaaatag aagctgaata ttctgatgtg ccctgccgcg    360
cagtagtttg atggcttagc agtggttagt ttctttcaac tttttgagct cagggctgag    420
attgaaaatt ttctgaatga ggagaatcgc tcccaaccac tattgaatgc tgaatggctt    480
tggaattag cttttgctgc agactaggta atgtttgtta atgaattcaa cctaaaactc    540
caaagtaaaa cagtgcatt gcgaaacctc tgcttcacgg aagtcattgt gatgacagca    600
aatgtttaaa tcataagtca tgttaactcg ccttggtatc ttactgcgct ggcaaaagtg    660
aaaacaaagg cgagctctcc attcctacac acatgttcca aatgcattgt atagttctat    720
cacggattgt gcatctcaat gtgaacccat aggacatttc tctaattcct    770

```

```

<210> 385
<211> 850
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(851)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (372)...(701)
<223> similar to gil526978 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 385
ctttcacaaa aatccatgaa ttattcttta ataaaagaaa ctcttggtccc cgcttttttg    60
gatacacaga atgctttcca ttgaatcatt tggtcataat ccgggtacaa agcaaattta    120
acacgtgtga gagatgcaga aaaagggtccc ttctatgtac accttgccaa atacaagaac    180
ataaagaaag aaaaaagcaa agtttaagcc tttagggtcat ttgtaaaatg ttgccaaacc    240
catgctgcta cttttaacag agaagtctga gttttaaaat tcaaacgttc ttttcttaca    300
aagaaaaagt gcctctatct gccaaagcga tgatcttatg agcttcagat agaaaagtgg    360
ctatgacttg tgactgtttt tggttcagaa caatgctaga tcaacatgca agttgtatgg    420
agggtggggac agaaaggag cggcaggctg ggggtggctg taatgtttga tccctctgga    480
tttccacag gagaaaagg tctgcaggac gatgagttca cctgtgacct cttccgattc    540
ctgcaactac tctgtgaggg acacaactca ggtttgtgag tccccggaac ttctgatgat    600
actaaggcat aaataatggt ttcaagccag taataacaag agcctggttag ttccaattat    660
gcatcgttct agagacagca aatcattcta gagcatggct ctgcattggg atctgggncg    720
ttttatnttt ggggtccgcg cacgtccaca atntcaaann nncggcgccc aggggtcccg    780
ccccccgaga cgaattagat agatggaagg tgtgaatggg ggtaaagatg gacaaagtga    840
tgcggggtgg                                     850

```



<210> 386  
 <211> 949  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(950)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (221)...(932)  
 <223> similar to gi4960038 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 386  
 atttgatggt aatttgctgg gattacaggc gtgagccacc acacccggcc ggaagatatt 60  
 aattccttata tgtgtatggt caacagatac tgaatctcag gtgaagcaaa gtgccttcatt 120  
 cattgttagca aatcctacat ttaaatgaaa tcagataagt actggcatat aatcaaaaatt 180  
 tatttttttat gttgattccc aatcaatgat tttttttttt caaacaccaa caagacataa 240  
 agtacttatt atggaatttt gtccatgtgg gagttttatac actgttttag aagaaccttc 300  
 taatgcctat ggactaccag aatctgaatt cttaattggt ttgcgagatg tgggtgggtgg 360  
 aatgaatcat ctacgagaga atggtatagt gcaccgtgat atcaagccag gaaatatcat 420  
 gcgtgttata ggggaagatg gacagtctgt gtacaaactc acagattttg gtgcagctag 480  
 agaattagaa gatgatgagc agtttgtttc tctgtatggc acagaagaat atttgcaccc 540  
 tgatatgtat gagagagcag tgctaagaaa agatcatcaa gaagaaatat ggagcaacaa 600  
 gttgatcttt ggaggcattg gggtaacatt ttaccaaggc aagcctactg gatcaactgg 660  
 ccatttaana cccctttgaa ggggcctccg tanggaataa agnaagtgat ggtataaaaa 720  
 taattacagg gaaaggcctt ctgggtgcaa tatcctggag tacagaaaag caagaaaaat 780  
 gggaccaatt tgactgggag tgggaagaca tgcctgtttc ctgcagtcct tcctcggggg 840  
 tcctcagggg tcctaactta cccctgttgc ttgcaaaaaca tccttgaaag cagatcaagg 900  
 aaaaagtgtt ggggggtttt accaagtttt ttgcaagaaa actagtggg 949

<210> 387  
 <211> 703  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (5)...(705)  
 <223> similar to gi3875032 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 387
cggacgcgtg ggggtattttt ttgcagccat tctgatgaca gagaaagcag atgcagaaga      60
gaattttggaa gatgccatgg aggaggttcg taaagtgaat gaaagcatca agtataatca      120
cccattgaga aaatgtgttg atacaatact taaaaagtgc cctacagagt atcaggaaaa      180
aatgggtagg aacatgggatg attatgaaga ttttgatgaa aagcatagta tctatccaag      240
tgaaaaaagt ctggtaaaac tgcataaaca ggtgatttat tcagttcaga gacaccgtcg      300
aactcaagta caatggcaga ttcttttggg acaagcattt tatctagaag atgtagcaaa      360
aaatgaaact agtgctactc atcagtttgt tcacaccttt caatcgccag agccagaaaa      420
tcgatttatc caatatTTTT ataatcctac atttgaatgg tactgggaat gtcttttgcg      480
accatggttt tacaagatac ttgctgtggt tctgtccatc ttctctgtga ttgtttgtgtg      540
gtcagagtgc acattcttta gcactactcc tgtcttatcc ctctttgcgg tcttcataca      600
gctggcagaa aaaacatata attatatTTA tatcgagatt gcttgcttcc tttccatctt      660
cttcccaagt atctgtgttt attctactgt gttcaggacg aaa                          703

```

```

<210> 388
<211> 439
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(398)
<223> similar to gil334115 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 388
atttaaacca tatgatattg atatttgcac taattacaga aggtctaaat ttcagttaaa      60
aggcagagat tatcagattg gctagaaaag aagatgcaac tatgagctgt ctacatgagc      120
ccaccttaaa tactaagact cagataaatt aaaagtataa aaggatagaa atagatatgc      180
catgcagaca ttaatctgaa gaaagctgga gtagctatgt taataataga caagaagatt      240
tcagagcaaa gaatttacag aggtaaagag agacaattca taatgataaa ggggtcaaga      300
catcaagaat acctaacaat cttaaattgt tatgccagag cttcaaagta catgaagcaa      360
aaactgatgc aattgaaaga agaactaact ccacatttgt agttcaggat ttcagctggt      420
agaacaagta aacagaatc                                     439

```

```

<210> 389
<211> 458
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (41)...(407)
<223> similar to gi306893 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 389
aatcaatctg aactgaatca ggctggccgt cagggcctcc aaagtactgc ttctgtctgg      60
tcagcctgct gctacagcct tggccagcta ggccctgctg ctcatggtgc cagcccagag      120
aggagccagc caggagatgg tgagtgtctgt ggggggtgggg agccccaagg agaaggcact      180
gaggaggaaa aacaggatta gcagctcaaa ctgccagaga cagaaaagcaa gctcaaatga      240
gtgacctgaa acagcaagtg gtagatttag aacagaacca aaaacttttg ctagaaaaatc      300
agtttttaca agagaaaatg catggactcg tagttgagaa ccatgagtga agacagcact      360
tggggatgga tgctctggtt actgaagagg aggcgaaagc caagataatt ccatctatct      420
gatgcttgac atccctaacg gacgcgtggg tcgaccgg      458

```

```

<210> 390
<211> 761
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (28)...(761)
<223> similar to gi340613 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 390
gcctctccta acttttttaaa gccgcctctc ctaacagttt tttttggctg tgtatgaact      60
tataagttga tcatttttgt cagcacttta aagacatcaa agtattttga tatcttcagt      120
attaatatct tttggctttt tttgttcctt gtgaaagaca gctttcagtc tgttgttcct      180
ttataaataa ttgatttttt cctctatgct tttaatcatt tgtcttcagt gttcttaggt      240
ttcactgtaa aatgtgtagg tgtagatttg tcactactta tactatttgg gattcactga      300
gctccctgaa tctgaggatt catgtctttc atcaattcta gaaaattctc attcattatg      360
ttttctttta atatttacta tactccattt tcttttcttc tagaattcca gttagctatg      420
tatgttgcat ctacttagac taacctctat gttttcaaat tctctttctc gttttctatt      480
ctgttgtctt tctatactgg attctgggta atttctctag tgctgtcttc tgggtcatta      540
attccttctt tagctgtgtc taatccattg aggtttctag tttcattatt attcacactt      600
tttcatttct agaagtttta tttggttggt tttcatatct accctcccgt tttaatagtt      660
ttttgttctt ttatcctttt taagtcttta aaaacctttt ttttgacata ttaaacaaac      720
tccttttatt ttttataact gaaccctttt tttctttttc c      761

```

```

<210> 391
<211> 630
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

```

<222> (1)...(500)  
 <223> similar to gi2072972 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 391
attaaagaag acctaaataa atggaaaaaac atcccatggt catggatcag aagagttaat      60
gctgttaaga tgacaatatt cctcaaaactt gtctgcagat tcagcataat ccctgtcaga      120
atctctgctg acatcttttg agaaattgac aagctgatgc taagagttat atgaaattgc      180
aagggaacca gaatagccaa agaaatcctg aaaaagaata aagtagaaaa acccacattt      240
cttcattttt aattacaaaa caatagtaat taagaagtgt gttactggca caagggtaga      300
catagatcat tgtatttttt aaaaaatggt gattccagaa ataaatgcaa acatctgtag      360
tcaactgatt ttcagtaaag gtgccaaagtc cattcagtgg ggaaagaaca gtcttttcaa      420
caaatggtgc tgggacaagt ggatagtcac gtgcaaaaga atgaagttgg acacttacct      480
tacattatat ttaaaaaagt ggctgggtat gacggcccat gcctgtagtc ttagcacttt      540
gggaggctga ggcagaagga tcacttgaac ccaggagccg agattgtgcc actgcgttcc      600
agcctgggtg acagagtga actctgtctc                                     630

```

<210> 392  
 <211> 716  
 <212> DNA  
 <213> Homo sapiens

```

<220>
<221> misc_feature
<222> (1)...(717)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (16)...(710)
<223> similar to gi2292986 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 392
aggcgaaagg gggcaaagga ggaggagcta cagcaagaag aggaggagga cagcacatag      60
aagagatgga gcaggaggaa gagataagga ggaggaggaa gagatggaga aggaggaaga      120
gatgcaggag gaggaagaga tggaaagagga agagatgaag aggaggagga ggaagagata      180
gaggagaagg agtaggaaga gatgtaagag gaggaggaaa agatgcagga ggaagaggaa      240
gagataaaga ggaggaggaa gagatgcagt aggagaagca agagatgagg aggaggagaa      300
ggaagagatg aaagaggagg aaaagatggg ggagggaagag gaagagatga agaggaagag      360
gaagagatgg aggaggagga ggaagagatg aagaggagga ggagggaacac ctgaagagga      420
ggaggtggaa gagaccaaga ggacgccgct gcactcctgc cccggaggcc gtgcctcact      480
ctgtctcaac nnnnnnnnnn ncannnnnnn nnnnnnnnnn ntaagaggtc ccgccccccc      540
ctcccctgct tcccccccc nnnnnnnnnn nnnngggccc cttattttcc ttnnnnnnnn      600
nnnttttttc ccccgccggc ccgggaaacc cccggccctc ccccatTTta tccccctccg      660
ccccctccct ttttccccgc tgggtttttt cctaagcggc ccccccaac tttatc          716

```

<210> 393  
 <211> 1578  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (228)...(1461)  
 <223> similar to gi557822 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

CCCTCCTCCTG

<400> 393  
 tagaaacctt cgtagaccct agtcagtgtg gtggaattcc ttccgacagc ccccatccag 60  
 tcatcacccc gtcacgggcc tcagagagca gcgcctcttc cgacggcccc catccagtca 120  
 tcaccccgtc acgggcctca gagagcagcg cctcttccga cggcccccat ccagtcatca 180  
 ccccgtcacg ggcctcagag agcagcgccct cttccgacgg cctccatcca gtcatcaccc 240  
 cgtcacgggc ctcagagagc agcgctctt ccgacggccc ccatccagtc atcacccccct 300  
 catggtcccc gggatctgac gtcactctcc tcgctgaagc cctggtgact gtcacaaaca 360  
 tcgaggttat taattgcagc atcacagaaa tagaaacaac gacttccagc atccctgggg 420  
 cctcagacac agatctcatc cccacggaag ggggtgaaggc ctcgtccacc tccgatccac 480  
 cagctctgcc tgactccact gaagcaaaac cacacatcac tgaggtcaca gcctctgccg 540  
 agaccctgtc cacagccggc accacagagt cagctgcacc tcatgccacg gttgggaccc 600  
 cactccccac taacagcgcc acagaaagag aagtgcagc acccggggcc acgaccctca 660  
 gtggagctct ggtcacagtt agcaggaatc ccctggaaga aacctcagcc ctctctgttg 720  
 agacaccaag ttacgtcaaa gtctcaggag cagctccggt ctccatagag gctgggtcag 780  
 cagtgggcaa aacaacttcc tttgctggga gctctgcttc ctctacagc ccctcggaag 840  
 ccgccctcaa gaacttcacc ccttcagaga cactgaccat ggacatcaca accaaggggc 900  
 ccttccccac cagcaggac cctcttcctt ctgtccctcc gactacaacc aacagcagcc 960  
 gagggacgaa cagcacctta gccaaagatca caacctcagc gaagaccacg atgaagcccc 1020  
 caacagccac gccacgact gcccgacga ggccgaccac agacgtgagt gcagggtgaaa 1080  
 atggagggtt cctcctcctg cggctgagtg tggcttcccc ggaagacctc actgacccca 1140  
 gagtggcaga aaggctgatg cagcagctcc accgggaact cacgcccac gcgcctcact 1200  
 tccagggtct cttactgcgt gtcaggagag gctaacggac atcagctgca gccaggcatg 1260  
 tcccgtatgc caaaagaggg tgctgcccct agcctggggc cccaccgaca gactgcagct 1320  
 gcgttactgt gctgagaggt acccagaagg ttcccatgaa gggcagcatg tccaagcccc 1380  
 tgaccccaga tgtggcaaca ggaccctcgc tcacatccac cggagtgtat gtgtggggag 1440  
 gggcttcacc tgttcccaga ggtgtccttg gactcacctt ggcacatgtt ctgtgtttca 1500  
 gtaaagagaa gacctgatca cccatctgtg tgcttccatc ctgcattaaa attcactcag 1560  
 tgtggcccag aaaaaaaa 1578

<210> 394  
 <211> 462  
 <212> DNA  
 <213> Homo sapiens

<220>

```

<221> misc_feature
<222> (1)...(463)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (4)...(438)
<223> similar to gi804810 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 394
aaactaaatg agcttagtga gactgcaaaa taaagatcaa tatatataaa gcagatgatt      60
ttgcatgaac tagccatgaa caatctgaac cttaaaacct taaatgccat ttataacncc     120
ataaacaata tgaaatacat agtgaatgcat ctggcaaaaag aagtgaaga tgatatagtat    180
aaaaattaaa aacactttctg ggagaacttt aaaaaagacc taaatagaga tatactatgt     240
tcagagacta caagactcaa taccattaat atgtcaattc tttccaacct gacctataga     300
ttcagtgaat tcccattttg aatattcagg aggcctttttg ttttgtagaa attgggaact     360
caatttctaa atacatatgg acatgcaaag gacctagatt agtgaaaaca acttttataaa     420
ataattctga aagtttgaaa ataggctggg cgcgatggct ca                          462

```

```

<210> 395
<211> 419
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (5)...(420)
<223> similar to gi2981631 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 395
aaaaatagca attataaata tatatgcact caatatcaga ctatataaaa aagtgaacat      60
taaagtaact gaagggagaa ataaacaaca atacaataat agtaagagac ctcaatatca     120
cactttaata atggatagaa tatccagaca gaagaccaat aaaaaaacag aggatttgaa     180
cattattaac caaataaccc taacagtcgt atgcagaaca gttcatccca aaacagcaga     240
gtacacaatt tttccaaata catatgaaac tttctctagg atagatctag cacgtaggt      300
cacaaaataa gtcttaataa atataagaag attgaaatca tatcaagtat ctttactaac     360
tacaatggaa tgaagctaaa attcaatagc agaaggaaaa cgtggaaatt aaacaacac     419

```

```

<210> 396
<211> 1052
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1053)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (12)...(888)

<223> similar to gil017722 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 396

cggacgcgtg	ggcttttaac	cagttctcta	accttactgc	acgtaagata	atttatactg	60
gagagaaacc	ctacaaatat	gaagaatgtg	acaaagcctt	taacaagttc	tcaaccctta	120
ttacacatca	gataatttat	actggagaga	aaccctgcaa	acatgaatgt	ggcagagcct	180
ttaacaaatc	ctcaaattat	actaaagaga	aactacaaac	ctgaaagatg	tgacaatgat	240
tttactaca	cctcaaactt	ttctaaacat	aaaccatatt	ggtgccctag	aaatgtgagg	300
aatatgacaa	ggacttttaa	tggttgatcat	gcttgattgt	aggtaagata	atttatattg	360
gagaaaaatc	ctccaagtat	gaagaatgtg	gcaaactttt	aaccaatcct	cacaccttat	420
tgacacaggaa	agcattttata	cttgagaaaa	attgtataaaa	gaatatggaa	aagccattta	480
tatctgctca	catgtaaaaa	catcagttca	tacttaataa	aatgcaatta	ccgtcaaatc	540
tttcagaaaa	tataagcctt	taatacgagg	aagagtattc	ttaagatgaa	cattacaaat	600
agaaagaggg	ttgtagtacc	tttagtttta	tgatagatct	tattgtacac	attttgtacc	660
agaggaaaac	cctaaagcat	tagttgctca	aactttgttc	gacatcaggg	aatttgtatt	720
ggagaaaaac	cctgcaaattg	taataaatat	ggaaaaacat	tttttcaaaa	actacagctt	780
ggaaaaacatc	agagagttca	tactaaaata	tatttttgca	gatgcagtaa	atatgaaaaa	840
tatttaaatcc	caaatttaagt	ctatgtaaat	atcagaattc	acagtaggaa	atcataaggc	900
ataaggcact	gatacttcag	acattacact	taaattagga	gtgttgagta	tagggagatc	960
ccaaaactta	aaattgttta	gggtaagtta	ttttatatta	ttaactttta	aaaggaagtt	1020
aggaagggtt	ttttgggagg	ttttttantt	ac			1052

<210> 397

<211> 936

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (12)...(738)

<223> similar to gi4884092 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 397

aactcccagg	gctccagggc	cctcctccgg	ccccaggcct	accccagtc	cggacgggtc	60
tcgctctgtc	actcaggctg	gagtatagt	gcatgatcac	ggctcactgc	agcctcgacc	120

tcctgggctc	agttgctggt	ctctgtgtct	gtgacttata	cccagcacag	tgtgacatca	180
actgctgctg	tgatcccgc	tgagctccg	tggatttcag	tgtcttttct	gcctgctcag	240
ttccagttgt	cacgggcgc	agccagtttt	gtagtcaaaa	agcagtcata	tattcattga	300
attttacagc	aaacccacct	caaagagtat	ttgaacttgt	tgaccagatt	aatccatcta	360
ttttctgcat	tcatattaca	aactataaac	ctgcattatc	ctttattaat	ccagaagtac	420
ctgatgaaaa	caattttgat	acattgatga	aaacatctga	tggttttaca	ttgaatgctg	480
aatcatatgt	ttccttcaca	acaaaactgg	atattcctac	tgctgctaaa	tatgagtatg	540
gggttcctct	gcagacttca	gattcgtttc	tgagatttcc	ttcgtccctg	acatcatctc	600
tgtgactga	taataaccct	gcagcgtttc	tggatgaacca	ggctgttaag	tgcaccagaa	660
aaataaattt	agaacagtgt	gaagaaattg	aagccctcag	catggctttt	tacagcagcc	720
cggaaattct	gaggtgggcc	cttcagaaag	aaagctgcag	ctctactggg	gaggcaagag	780
cttgtcattg	aggaggcttg	ggccagaggc	aggaagacca	gttaggagtc	tgtggaaatc	840
gcctgggcaa	gcaatgggtg	ccttccagca	aggacagggt	cagtgaagag	gaccaggagt	900
gcaagaactg	tgctttccac	agtgtctattg	gccgga			936

<210> 398  
 <211> 762  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (676)...(753)  
 <223> similar to gi2708329 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 398						
gcctcccaaa	gtgctgggat	tacaggcctg	agccaccccg	cctggcacct	tactatattt	60
taatgaatga	aatgatgtag	tatggaaaaa	aaaaaaatcc	ctaaatggag	acctgagttt	120
ccatctcatc	tttgctactt	aattctgagg	tttcaggaag	attatttaac	ctatctgagt	180
tttcttatct	taaggataaa	gatgaattca	cctaccctat	gggactatta	agaataaaat	240
gaaggtcctg	tgtaaaaaac	taaataactg	ttcattattc	ttgctgctgt	tggttggatt	300
gagtagaaaag	gtcctatggt	taggacatta	taaagtacgt	ctacttagct	tctaagatgt	360
aatattttcta	taacttcagt	aaggatgtgc	atttaatatg	caataaatta	aaccttttaa	420
agctgtgatt	taaaaactat	aaaataaaca	atgaaatgag	aaatgggcaa	attcaaataa	480
ttttatttta	ccttgagcaa	gaagactatg	ccaatgctaa	tgctttgctt	tcccctgccc	540
ctgcccttcc	caaagagaag	agaacagaca	gcaatggcag	agtatatattc	gtcaaccaca	600
acacacgaat	tacacaatgg	gaagacccca	gaagtcaagg	tcaattaaat	gaaaagccct	660
tacctgaagg	ttgggaaatg	agattcacag	tggatggaat	tccatatttt	gtggaccaca	720
atagaagaac	taccacctat	atagatccct	ggtcgacgcg	gc		762

<210> 399  
 <211> 857  
 <212> DNA  
 <213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (169)...(836)  
 <223> similar to gi56522 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 399  
 taccactctt tgggtgctgct aggcaagaat tttaaactga gtttaggtca ccatcgtgga 60  
 ctttaaggtcc atatcacctc agggagacaa gtagagtggg aggcattcaa aaggtaggtg 120  
 attcttctcc cctctagtga agaatacaag gtcaatttac aaaaaagcac cagcagcaaa 180  
 taattggaaa attaaattca taaaacattt ataatagcgt caaaaaagca ccagcagcaa 240  
 ataattggaa aattaaattc ataaaacatt tataatagcg tcaaaaaaaa gaaaatactc 300  
 agaaataaat ttgacaaaaa ttgtataaga tctctacatt aaaaattatg aaatacatgg 360  
 aagagaaatt aaagaaaacc taaatagaga gatataccac attcatggat tggaagattc 420  
 aagattatta aaatactatt ctccccaat ggctctatag attcaacata atcccaatca 480  
 aaatcccagt aggccttggg agaaattgag atgttggttc taaatgaaa taaaatgcag 540  
 aggacctaga atataaatt tccctttaat ttgacaaaga agaaaaacat gttgggaagc 600  
 tcacctaat tcaagtgaat attacatac gaatcaacaa atggatcagt ggtatagaat 660  
 agagaatcct gaaatagatc tacatatata tggccaacag atttttaata atggtgccaa 720  
 ggctattcag gggaaagaaa attctttttt aaaaatggga ttggaaactg gataaggga 780  
 ataagtgaac ctgcgaccct acccttatac cgtgctcaaa aattaattca aaatcattct 840  
 agccataaat gtaaaag 857

<210> 400  
 <211> 2080  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (7)...(2080)  
 <223> similar to gi3152662 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 400  
 tttcgtagca tggccggccc gggccccacc ttcccgctgc accggctcgt atgggcgaac 60  
 cggcatcacg aactggaggc cgactgcac agccaccaac gaatcccaac cctgctcgcc 120  
 ctggcagcct ccctgccttg ccctcttctc tctgacctt tgtgagtgtc ccgtctcccc 180  
 cagcacgaca ttgaacagga ggacccccgc gggcggaacc cactggagct ggccgtgtct 240  
 ctgggaaacc tggagtctgt gagagtgtct cttcgacaca atgccaacgt gggcaaagag 300  
 aaccgccagg gctgggcagt cctgcaggag gcagtacgca ctggagaccc cgagatggtg 360  
 cagctggtgc tccagtatcg ggactaccag agggccacgc agaggctggc gggcattccg 420  
 gaactgctca acaaacttcg ccaggccccc gatttctacg ttgagatgaa gtgggagttc 480  
 accagctggg tgcccttgt gtctaagatg tgcccaagcg atgtgtaccg cgtgtggaag 540  
 cggggtgaga gcctgcgagt agacaccagt ctctgggct tcgagcacat gacctggcag 600  
 cggggcgga ggagcttcat cttcaagggc caggaggcag gagccctggt gatggaagtg 660  
 gaccatgacc ggcaggtggt gcatgtggag aactggggc tcaactctga ggagcccga 720

```

acactgctgg ccgccatgcg gccagcgag gagcatgtgg ccagtcgcct cacctctcct 780
atcgtctcca cccacctgga cactcgtaat gtggcctttg agaggaacaa atgtggtatc 840
tggggctggc ggtctgagaa gatggaaact gttagcggct acgaggccaa ggtgtacagt 900
gccaccaacg tggagctggg gacacgcaca cgcacggagc acctctctga tcaggacaag 960
tcgaggagca aagcggggaa gactccattc cagtccttcc tggggatggc gcagcagcat 1020
tctctccaca ccggggcccc cgtgcagcag gcagccagcc ccaccaaccc cacagccatc 1080
tcccctgagg agtacttcga cccaacttc agcctggagt cacggaacat tggccgcccc 1140
atcgagatgt ccagcaaagt acagaggttc aaggcaacac tgtggctgag tgaagagcac 1200
ccgctctccc tgggtgacca ggtgaccccc atcatcgacc taatggccat cagcaacgct 1260
cactttgcca agctgcgcga cttcatcact ctgcgccttc cacctggctt ccccgtaaaa 1320
attgagattc cctttttcca cgtgctcaat gcccgcatca ctttcagcaa cctgtgtggc 1380
tgtgatgagc cctgagctc cgtgtgggtg ccggcccca gctctgctgt cgcgcacatc 1440
gggaacccct tcccgtgcga ggtggacccc accgtgtttg aagtgccaa cgggtacagc 1500
gtgctgggca tggagcgcaa cgagccctc cgggacgagg acgatgacct cctgcagttc 1560
gccatccagc agagcctgct tgaagcgggc actgaaggcg gagcagggtg accgtctggg 1620
aagccctgac caacacccgg cccggttgcc cgcctcctt cccaggggcc acggtttatg 1680
aggaacagct tcagctggag cgggccctcc aggaaagcct gcagctgtcc acagagccca 1740
ggggcccagg atccccctcc aggacacccc cagcccccg tccaccagc tttgaagagc 1800
agctgcgcct ggccctggag ttgtcttcac gggagcagga ggagcgggag cggcgcgggc 1860
agcaggagga ggaggactta cagcggatcc tgcagctgtc actcactgag cactgagcca 1920
tagccccggg agggctggcc aggccactcc ctgcccgtt ttgtaattta tttatttata 1980
aactctctgc tgetgagctt ggggcctgga gccccaggaa tgagcaggca ggggagactg 2040
agatggaaat aaagagactg tcgcagcagg aaaaaaaaaa 2080

```

```

<210> 401
<211> 1908
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (433)...(1813)
<223> similar to gi3015538 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 401
gtctctatgg aattatagct cacctacttt tgggggaatc atgtaaggta attttatttc 60
attatgtatt actagaatgt attgttttaa aatgtgtcta cttttttgaa gtgtcatttt 120
gttgtttgtt tcattgagat ggggtcttac tatgttgccc aggctggtct cgaactccga 180
acctcaaatg acctgcccgg ctgggcctcc caaagtgtcg ggattatggg catgagtcac 240
tgcattccaga caaaagtgtc attgtttaat cttgatttga aagaacttta ggtattttaa 300
acattatgtg gttcttttgt gcaagcgctt tatccctaag tcgtttgatt atccagggtt 360
gaaagcaact ctctctgact tctgcactca gaaagcgctt ggtctaattg tgttctcctt 420
cctgtctctt agcttcacag gataatgcag ctggctgtgg ttgtatcaca agtacttgag 480
aatggttcct cagttttggg ctgtttggag gaaggctggg acatcactgc acaagtgcac 540
tccttggttc agttactcag tgatcccttt tataggacac ttgaaggctt ccagatggtg 600
gttgaaaaag agtggtcttc ttttggtcac aaattcagtc agaggagcag cttgaccctc 660
aactgtcagg ggagtgggtt tgctccagtc ttcttacagt tcttagactg tgtacaccag 720
gttcacaacc agtatccaac tgagtttgaa ttcaatctct attacttaaa gttcttggct 780
ttccactatg tgtctaattc ctttaaaaca tttctcctgg attcagacta tgaaagatta 840

```

```

gagcacggaa ctttatttga tgataaagga gaaaagcatg ccaaaaaaagg agtctgtatt 900
tggaatgta ttgacagaat gcacaagagg agtcccattt tctttaatta tttatattca 960
ccattggaaa tagaggctct aaagcccaat gtaaactgtct ctagcctcaa gaagtgggat 1020
tactacatag aagagaccct gtccacaggg ccttcctatg actggatgat gctaaccccc 1080
aagcacttcc cctccgaaga ctctgacctg gctggagaag ctgggccacg gagccagagg 1140
agaacagtgt ggccatgcta tgatgatgtc agctgtactc agcctgatgc tctcaccagc 1200
cttttcagtg aaattgaaaa attggagcac aaattgaacc aagcccctga gaagtggcag 1260
cagctgtggg aaagggtaac cgtggacctt aaagaagaac caagaacaga tcgctcccaa 1320
agacacctgt cgagatcccc aggaattgtg tctaccaacc taccttccta tcagaagagg 1380
tctctgtac atctcccaga cagcagcatg ggggaggaac agaattccag catctcccca 1440
tccaatggag tggagcgaag agcagccacg ctctatagcc agtatacatc caagaatgat 1500
gaaaacaggt cctttgaggg aacactttat aaaagagggg ctttgctgaa aggttggaag 1560
ccccgttggg ttgttttggg tgtaacaaaa catcagctgc gctactatga ctcaggtgag 1620
gacacaagct gtaaaggcca cattgatctg gctgaagtag aaatggcat cctgctggc 1680
cccagcatgg gagcccaaaa gcacacaagt gacaaggctt tctttgatct caagaccagc 1740
aaacgtgtgt ataacttctg cgcccaggat ggacagagtg cccagcaatg gatggacaag 1800
atccagagtt gtatctctga tgctgatgc ccatggtcaa cccacgcaga agaaacagaa 1860
gaactcatgc tgccagatag atagaacaag aagcatggat ccttgagg 1908

```

```

<210> 402
<211> 964
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(965)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (26)...(862)
<223> similar to gi3599339 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 402
ctagttctag atcgcgagcg ggcgcaaaa gaataatgaa ggaatacaca aactactcta 60
cacgcatagt ttttanaact taggttaaat agaccagttc cttaatgagc atgaactgtc 120
acaactcacc caataggaaa tagactactt gaataccctg taactataag gaaattgacc 180
tagtaattta taatctccca aaaaagaaat cttcaggttt cactggataa ttctaccaa 240
catgtaaaga agaattaaca ctgattctac gcaatacctt ccagaaaaca gaagaggggg 300
gatcatgtcc taattcattt tgtgaagcta gtattaccct gataccaaaa ccaggcaaaa 360
agaacagaaa aagaaaacta cagaccaata tccctcgagc attcagatac aaaactcctt 420
aacaaaacat aaacaaatag aacacagcaa tatataaaaa gattgacaca ctgtagccaa 480
atgggacata ttctgagatg caaggctggg ttagtatttg aaaattcatt catgtaatac 540
actatactaa caggctaaag aaaaagctca cgactatata agtcaatcca aaaaaagaat 600
aaaaagagtt tggcaaaatt cacatcattc atgactcaaa acttcagca aaatagaaga 660
caggtactcc ttcaacctta caaaaagcat ctaaaaagcc ccacagctga cagcactctt 720
tttcaacata gttctggaag ttctacagag acataatata agaaaaggaa attaagacaa 780
cagatgagag gaaagaaata aaactgtccc tttttgctgg tgacatgatc atctacgtag 840

```

```

aaagccccag ggaatcttga gtctgtctgt gacatgattg tccaaacaga aaatcccagg 900
gaagaggcgg agcttgcagt gagctgagat tgcaccactg cactccagcc tgggcgcaca 960
tgtg 964

```

```

<210> 403
<211> 992
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(981)
<223> similar to gi392948 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 403
agacttcata gctgatgagg tggacctgac ctccagccctg acccaatggc cactctgaag 60
acgccgctga tctcctcccc catggacact gtgacagagg ccgacctggc catcgtgatg 120
gctctgatgg gaggtactgg ttctattcac cacaactgca cccagaggtt ccaggccagt 180
gaggtgcaga aggtcaagaa gtttgaaccg ggctttatca cacaccccggt ggtgctgagc 240
cccttgacac ctgtgggtga tgtgttgagg gccaaagatgc gtcatggctt ctctggcatc 300
cccatcactg agacgggtac catgggcagc aagctgggtg gcatcgtcac ctcccgagac 360
atcgactttc ttgctgagaa ggaccacacc accctcctca gtgaggtgat gatgccaagg 420
atcaagctag tgggtggctcc agcagtgtga ggttgaaaga ggcaaatgag atcctgcagc 480
ttagtaagaa aggaagctgc ctatcgtcaa tgatcgcgat gagctggtgg ccattatcac 540
ctgcaccgag ctgaagaacc gagactaccc tgtggcctcc aaggattccc atgagcagct 600
gctgggcggg gcagctgtgg gtacccatga ggatgacaaa taccacctgg acctgctcac 660
ccaggtaggc gtcaatgtca taggcttgga ctctgcccac gggaactcgg tgtatcagat 720
cgccatggtg cattacatca aacaaaagta accccacctc cagggtgattg gggggaacgt 780
ggtgacagca gccagggcca acaacctgat tgacgctggg gtggatgggc tgggcagggg 840
catggactgc gcggctccat ctacatcaac cagggaagtga tagcccgag tcagccccag 900
ggcactgccc tgtacaaggt ggccaagcat acccaaaact aaaatgtgcc cgtcatagcc 960
gatggtggca tgcagacctg ccgcctgggt aa 992

```

```

<210> 404
<211> 1419
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1214)...(440)
<223> similar to gi3858883 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400>	404						
tttttttttt	cttgatgcaa	atgtttttat	ttgccactta	aactacagtt	tccctgtgct		60
atcctgatgg	tgtgggggtg	tggaacaggc	tgtctggaacc	atggtttaca	gtagtagcag		120
gtagatgatt	agtagcatga	gtggtgaaat	gctgcattcta	agtgcctgtc	actttgtctcc		180
caggggaata	tcatgcagcc	caggaatagt	gttagactgg	gaaggactgt	ggcaggaaca		240
gtcactgtct	ctcctcattt	tggtgaggaa	tgggtccac	ataatggaga	gctcaacaga		300
agcatccagt	cttgttctga	atggagcagg	tcagtggcag	cagcctcttg	ctttcattta		360
cccctttggg	ctgcttgctt	aaagtctctc	ttccttcacc	tccccaggcc	ttttggcaag		420
aggggaagaca	ctgccattcc	tggctctttc	cctggatcag	tgtctgatct	ggtggaggta		480
gcttggtggg	cctgacttcc	tccagttccg	goggatcctg	gcacttttct	tcctagagtg		540
cagatactgc	tcactggagg	ctgtctctgt	ggcactctgt	gggttggcca	gtgcagagtg		600
gggctccagg	attctgaggc	ggctgcagtg	gtgtagcgag	tggcccagg	gtttctgcct		660
tgggggcctc	ttcctgcgca	gcctcttgag	ggcctcagcc	acacggtggt	cccctgcaca		720
ttcccagatg	atctgtgccc	gttcctcggc	cagctggtcc	ccgctgcgtt	gaaacagggc		780
ttggatctgc	agcagctcgg	cgtcctggaa	gatgttggcc	gaggcctgct	tgcggccccg		840
ggcctcaatc	ggggcctgcc	aagggggtgg	ctcactgacc	accgaggctg	gggtacccat		900
tgtggatgct	cacactgaag	ggcagctccg	acagacctca	aatggggatg	gggcaagcta		960
agatgcgccc	actccaacct	cttcacagc	cttcagaaag	ggcaggcgca	gctctgggct		1020
tctgtctgcg	aaggtgctta	caaggggccag	tcggtgatca	cgggcagcac	aagagcatgg		1080
cagagggtat	cctggccgga	gtcctaaggc	gacatctgca	gcacgaggag	gccccgggac		1140
tcagacgtgg	ccgcttcgca	gaacgacggg	gtcctaagtg	gatctggcgg	tcgcgtcccg		1200
ctggcacc	ggctctgact	gtcgccctcc	ggctcccacc	gcagcgccga	gctgggcccg		1260
cgacctacgt	acctggttgc	ttgaggcagg	ccgcacgcag	cccaaaactg	gtccgggcca		1320
cttgggtcac	agccgcggtt	cccgggagaa	agcgctccct	agccccggaa	cagccaatcc		1380
tcggccctag	ccaggatatga	gctcccaggc	gagccttcc				1419

```
<210> 405
<211> 733
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (92)...(733)
<223> similar to gi289664 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	405						
gtgagtgtctg	ggggtagggc	cttgagctgc	agcccccgag	actcccacgt	gcctgccaga		60
caccacgccc	caccccgcac	cggtggtctg	ctctgccgac	ccgcagtaag	gaggagaggg		120
aggactggtg	agcctcctgg	gccagggtggc	cagggggccgg	cctgagtaag	cagcagggttc		180
tgctgccgct	gcaggttggc	tcttgagctc	ctggaccctc	gcacactgcg	gctgctgaca		240
ttaggaaccc	ctgcctgagc	agggtggggg	ctgctgaggt	cacccctcct	ccaggagctc		300
ccacagtcag	gagaaactcc	tgcagaacca	ggtccagaag	ctgatccagg	agttgaagga		360
acagaaggag	cgagcccagt	gggtgaggca	ggggccacgg	gagtgggcag	ggtcctgggtg		420
ttggggagcc	aggctggggc	tggcctgggg	gccttcctga	gaagacacc	ccccaccacc		480
aaccacaggc	cctctcggag	caggagaagg	agcacctgga	ggagcggctg	ctgcagacca		540
cccgcacgct	ccaagagatg	gaggccgagc	tgcagaactt	gcagaagtcc	tgccctcctgc		600

```

agctggcccg ctcctcgtgg gtggggccgca tgctacgata ccagactggc agtgtggagg 660
tgagcctgtc ccccaagccc tcctgccccca ggctgccctc cccagccctc cccatctcgt 720
cggaattcca cgt 733

```

```

<210> 406
<211> 759
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (101)...(597)
<223> similar to gil212992 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 406
aagcaagatc tttttattct ctatttctgt agctatatat aacttttga caatttagtg 60
gccatcattg caagctaact gataatccaa tgtctccttt agatacaaat ttgaaaaaga 120
tggaagtata cacagactca ttataaaaaga ttgcaggctg gatgatgagt gtgaatatgc 180
ttgcggggta gaagacagga agtctcgtgc tagacttttt gtggaaggta catattaagt 240
gaaaaaacia ttctaattgt accaatTTTT taaaattgtt aatcaaaatg taaacatat 300
tgtattttatt tcacattttc tttccagaaa ttcctgttga gatcatcagg cctccacaag 360
atatttctga agcccctggg gctgatgttg tctttttagc agaactcaat aaagataagg 420
tggaagtcca atggctaaga aataacatgg ttgtgtgcca ggggtgataaa caccagatga 480
tgagtgaagg aaagatacat cgactacaga ttgtgatata taagccccgt gaccagggtg 540
aatacagatt tattgccaaa gacaaagaag ccagagctaa gcttgaactg gcaggtcagt 600
ccctttattt taaaatatcc ttccaatatc acagagttta gatttcagat ttcacagtta 660
tttaatgagg taatccttgt gagggctttt catttctagc aagccctacc cacatgttaa 720
caactctaata tttgctcact acaaagtaag tggaattcc 759

```

```

<210> 407
<211> 773
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (570)...(53)
<223> similar to gil334643 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 407
accgtcgtgg aattccggac ccacagaacg accgacggac cgagggttcg agggaggagac 60

```

```

acggaccagg aacctgagct aggtcaaaga cgcccggggc aggtgccccg tcgcaggtgc 120
ccctggccgg agatgcggta ggagggggcg gcgcgagaag ccccttcctc ggcgctgcca 180
acccgccacc cagcccatgg cgaaccccgg gctggggctg cttctggcgc tgggcctgcc 240
gttcctgctg gcccgcctgg gccgagcctg ggggcaaata cagaccactt ctgcaaatga 300
gaatagcact gttttgcctt catccaccag ctccagctcc gatggcaacc tgcgtccgga 360
agccatcact gctatcatcg tggctcttct cctcttggct gccttgctcc tggctgtggg 420
gctggcactg ttggtgcgga agcttcggga gaagcggcag acggagggca cctaccggcc 480
cagtagcgag gagcagttct cccatgcagc cgaggccccg gccctcagg actccaagga 540
gacggtgcag ggctgcctgc ccatctaggt cccctctcct gcatctgtct cccttcattg 600
ctgtgtgacc ttggggaaaag gcagtgcctt ctctgggcag tcagatccac ccagtgttta 660
atagcagggg agaaggtact tcaaagactc tgcccctgag gtcaagagag gatggggcta 720
ttcactttta tatatttata taaaattagt agtgagatgt aaaaaaaaaa aaa 773

```

```

<210> 408
<211> 724
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(725)
<223> similar to gi3123638 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 408
gatcacctac agcaatgacc acttctcccc cggtctcccct cccacccacc tctccccaga 60
gatcgatcca aagacaggaa tccccgggcc cctcaccaca tccgagctgt caccgtatta 120
ccactctct cccggagctg tcggacaaat ccccccaccc ctcggctggc tcgtcccaca 180
gcaaggccag cccatgtact cccttcctcc cggtggcttc cggcaccctt accccgccct 240
cgccatgaac gcctcgatgt ccagcctggt ctccagtcgg ttctctcctc acatggtggc 300
tctgcccac cctggcctgc ccacctcagg gatccccac cctgccatcg tctcccccat 360
cgtcaagcag gaaccggcac cccccagcct gagccctgca gtgagcgtga aatcaccagt 420
caccgtgaaa aaggaggagg aaaagaagcc ccacgtgaag aagcctctga atgccttcat 480
gttgatatat aaggagatga gggccaaggt ggtggctgag tgcaccctga aggaaagtgc 540
agccattaac cagatccttg gaagaaaggt aagacctgcc ctctccctcc aggccaggga 600
ggcagcgtcc ctgcattgat ggctccgtgt ggtctctgac cctctctccc ccagtggcac 660
aacctgtctc gagaagaaca ggccaagtac tacgagctgg cccggaagga gcggcagctt 720
cact 724

```

```

<210> 409
<211> 1949
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (1)...(1950)  
 <223> n = a,t,c or g  
 <220>  
 <221> misc\_feature  
 <222> (13)...(1866)  
 <223> similar to gi30058 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 409

gcggtggcca	ttcccttctc	cactcctgga	agccccttac	caggacccca	ggaccctgca	60
gatgctgcag	agcctcctgg	aaagccaacg	ggatcagagg	accatcagca	tggccgagcc	120
acacagctcc	caggagctct	ggatacaagc	tccccaggga	cccagcatcc	ctttgcccct	180
gagacaccaa	tccctggagc	atcctggagc	atctccccta	ccacccccgg	ggggctgcct	240
tggggctgga	ctcagacacc	tacgccagtc	cctgaggaca	aagggcaacc	tggagaagac	300
ctgagacatc	ccggcaccag	cctccctgct	gcctccccgg	tgacatgagc	tgtgccctgc	360
catcccactg	gcacgtttac	actctgtgta	ctgccccgtg	actcccagct	cagaggacac	420
acatagcagg	gcaggcgcaa	gcacagactt	cattttaaat	cattcgcctt	cttctcgttt	480
ggggctgtga	tgctctttac	cccacaaagc	ggggtgggag	gaagacaaag	atcagggaaa	540
gccctaatacg	gagataacct	agcaagctgc	ccccggcggg	actgaccctc	tcagggcccc	600
tgttggctctc	ccctgccaag	accaggggtca	actattgctc	cctcctcaca	gaccctgggc	660
ctgggcagat	ctgaatcccc	gccggtctgt	agctggaagc	tgctcagggct	gcctgccttc	720
ccggaactgt	gaggacccct	gtggaggccc	tgcatatttg	gcccctctcc	ccagaaaggc	780
aaagcagggc	cagggtaggt	gggggactgt	tcacagccag	gccgagagga	ggggggcctg	840
ggaatgtggc	atgaggcttc	ccagctgcag	ggctggaggg	ggtggaacac	aagatgatcg	900
caggcccagc	tcccggaagc	caagagctcc	atgcagttcc	accagctgag	gccaggcagc	960
agaggccagt	ttgtctttgc	tggccagaag	atggtgctca	tggccatact	ctggccttgc	1020
agatgtcact	agtgttactt	ctagtgactc	cagattacag	actggccccc	caatctcacc	1080
ccagcccacc	agagaagggg	gctcaggaca	ccctggaccc	caagtccctca	gcatccaggg	1140
atttccaaac	tggcgctcac	cccctgactc	caccaggatg	gcaactttca	attatcactc	1200
tcagcctgga	aggggactct	gtgggacaca	gannggaaca	cgattttctca	ggctgtccct	1260
tcaatcattg	cccttctccg	aagatcgctc	ctgctggagt	cggacatctt	catcttctac	1320
ctggctcaag	ctgggccaga	gtgtgtggtt	ctcccagggg	tggttggacc	ccaggactga	1380
ggaccagagt	ccactcatag	cctggccctg	gagatgacaa	gggccaccca	ggccaagtgc	1440
cccagggcag	ggtgccagcc	cctggcctgg	tgctggagtg	gggaagacac	actcaccac	1500
ggtgctgtaa	gggcctgagc	tgtgctcagc	tgccggccat	gctacctcca	agggacaggt	1560
aacagtctta	gacctctctg	ctctcaggaa	gtggcagggg	gtcccaggac	acctccgggg	1620
tctttggaag	gatgtctcct	aaactcctgc	caaggtgata	gaggtgcttc	tcacttcttc	1680
cttccccaaag	gcaaaagggg	gctgtttctga	gccagcctgg	aggaacatga	gtagtggggc	1740
cctggcctgc	aacccctttg	gagagtggag	gtcctggggg	gctccccgcc	ctccccctgt	1800
tgccctcccc	tccctgggat	gctggggcac	acgtggagtc	attcctgtga	gaaccagcct	1860
ggcctgtggt	aaactcttgt	gccttggaag	tccagatctt	taaaatttta	tgtattttatt	1920
aacatcgcca	ttgggccccca	aaaaaaaaa				1949

<210> 410  
 <211> 464  
 <212> DNA  
 <213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (55)...(415)  
 <223> similar to gil405821 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 410  
 acacatcctg ggggtccgac tccaaggtca gattttgcaa ccagagggag ccggagtggg 60  
 cctggccggg gaaagtcggc cccgccccag gatccgctcc ccctccctac tccgctgatt 120  
 cctggctccc gagtcaccgc ggcccccccc gacagcagcg tggctcaggg ccctccagtg 180  
 cctccccgaa acccctgccc agggcgaggc gcagtgaaag gacgtttttt taccaatgcc 240  
 gggtccccgg gtcgcgcccgc cgccaactcc tcaaggagcc gaagccaagc ccggccgcca 300  
 ccctcctcct tctcctcctc cccgcccgcct gggccgccta gaatcgccgc tgccgccttc 360  
 tcctcccccg gccgttgttg ttgtggttgt ccctgccacc tccttacagc cgagccgccc 420  
 ccacgaaatc gtcgtcccgg gaattccggg ccggtgcaac ggca 464

<210> 411  
 <211> 955  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (33)...(767)  
 <223> similar to gi2072501 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 411  
 ttctgtgaga aggcggcggc ggcggctagg gatcagacat ggcggcggat ctgaacctgg 60  
 agtggatctc cctgccccgg tcttgactt acgggatcac caggggcggc cgagtcttct 120  
 tcatcaacga ggaggccaag agcaccacct ggctgcaccc cgtcaccggc gaggcggtgg 180  
 tcaccggaca cggcgggcag agcacagatt tgcctactgg ctgggaagaa gcatatactt 240  
 ttgaaggtgc aagatactat ataaactgaa tagatttcct tttcattctt cctgggaata 300  
 gaagatgtaa tggaagttcc agtatctgta tgcaggccta tgactagctt cacttcttgg 360  
 tgactaatac tagttgacaa aacagcatat tctaaactga ttgtcttcgt tatccagtag 420  
 ctttcttatt ctccataaca aatgttccaa atctttgatt actcacctca gaatgcttgt 480  
 ctcaactctc ttttctcat tcttagtaga tcataccttg gagaagaaag tagaaactat 540  
 caggcctgaa cttcattagc tttttcttcc tcttcaatcc aaatctgtct gtatcttcat 600  
 tcatttttct taaccctttc cttgcttgcct atttctgctt tccaaaacca aggaaggaat 660  
 tttgacagag gtacccaagg aattcactgg gggaaaatga atgattcaat aaatgatgtt 720  
 atgataatta gatagatagc tatatgtaag cataaaaaat ttttaaaacc ttaggccctt 780  
 attatcatat catgcacaaa aattaagtgg attattgatt taaatgtaaa aacaaaaagt 840  
 ataaaacttt tagaaaaaag agattatttg tgacattggg tctggcaaag atttcttaga 900  
 tgcgattaaa gatttacaaa agaaaaaatt gataaattag acttcatcaa aattt 955

001210 "53483460

<210> 412  
 <211> 668  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (166)...(664)  
 <223> similar to gi854065 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 412  
 gagatggaat ttcacttttcg tcaccacaggc tggagcgcga tggccagatc atggatcact 60  
 gcaacctccg cctcccagggt tcaagcgatt ctccctgggag gcagacggtg cagtgaactg 120  
 agatcgtgcc accgcactcc agcatgggag acggagcgag atttcatctc gaaaaaagga 180  
 aagaaagaaa tgtgttggtc agtatttact atggctctgtt cagctgttgg acggccagat 240  
 gctacgtgtt gtgttgagat atttctgggt gagattgtag agttgtcagg cactgcatgt 300  
 gattttgcgt tgtgtcatct gctggctgcc aacgttggtg cgttgctgca tagtgtgtcc 360  
 tttgttctgc tgccttgact gtatgtgttg tgatgccaca tcgtgtgttc tgtgctgtct 420  
 gctgggttgc tgtgtactag cgtgtgttgt gtggcaggat tatgtagcgg tatgctggca 480  
 ttacgtgttg gtgtgtgtgt accgtgtctt gggatgtttc cgggctggct attaggtcac 540  
 tgcgtgtcgt gtgttggcat gtactgcgat cgtatttgct ggggtgttctg ttgccctgtg 600  
 ttgttgtggt ccgtgatgcc tgatgattgc cttgtgctat gtcgcgtgct gtgtgtgtgt 660  
 tgccaacc 668

<210> 413  
 <211> 1562  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (22)...(1536)  
 <223> similar to gi600118 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 413  
 actaggggtc ggcccacagc ttccctcaagc caagctcccc agggccagggt caggcctcac 60  
 ggtggcctct ccaggatgag ctccctgccct ccgatggcat ctccaggccc caaatgggtct 120  
 ccggtcgggtg ggctcctcca cgccaagggtt gggcctcccc gcgaccgccg caggcccaag 180  
 ttgtcctgaa gtcgggctct cccggtgca tctccaggcc ggactctggc ccgactccag 240  
 gtcccaacaa cgtcttttga ctcagctcct gccagctcc cagcggccct ggtaggcccc 300  
 caacttccct aagccaagct ccccaggccc agctcaggcc tcgcggtggc ctctccaggc 360  
 tcagctcctg gccctccgat gacatctgca ggccccaaat ggctccgggt cgggtgggtc 420  
 ctctaggccc agcttgggct tcccgggcgc ctccgcaggc ccaaatacgtc ccgaagtcag 480  
 tctctccagg cttagctcca gcctcccggc ggctctgca ggcccaagtc gtcctcaagt 540

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cggcctggaa gtgggcctgg aagagcagca agtcggcctc cctggggccca gctccgtcct 600
ctcgacggcc tctccaggtg caaaacttcc tcgagtcagc ctctccaggc ccagctcctc 660
ctgcctccca gtggcctctt tcggcccagc ccagctcatg gctctcggcg gccttcccag 720
gccccgcttt tgacttttgg cagcctcttc aggcgcagaa cttgatctcc agtcggcctt 780
tgcaggcccg gcctcctgcc tctcgaaggc ctgcacgggc ccggcctcgg cctcggcctc 840
acagcggact ctccacgccc agctagctct cgctcactg cggctctccc agtccaaagc 900
tcctgccttt cggccaactt cgcaggtcca gtcctgcct gccagtggcc tctttaggcc 960
cagctcattc ctacagtcgg ccattccagg ccccggtttt cccttccggc agcctcttgg 1020
cctctaattt gtttatcttt tgtgtataaa tcccaaaata ttgaattttg gaataatttc 1080
accattatgt aaataatttt gtaggtaatt tatttgaggt gagtttctgc gccaagcccg 1140
aattttttat tttattttcc ttattatttg gtgttaaaca ggtttaactg accggtcatg 1200
gcaacttttt ggcacagtga aaaatatcgc ccatgatcaa cgtgttctgt tctggggaag 1260
ggggcaaaag caggggtgaat cactttctta aaaagtatag ctcaagttgg gagtgcagag 1320
ggaatgggga gaaaaccctc ccgctgcctg tgtcgaagtg taggagcccc caccgccata 1380
ctcacctgag tccagcccct ctggggaaag aaggggtgca tgaactcccc ctagtccaca 1440
ggcacctccc tgtggcccaa ggctctcttc aactccatc ttgaagcccc agcaggagct 1500
attttccaaa aagtgaagag ctctgaaggt cccacaattc atggaagtga cctcacaatg 1560
ac 1562

```

```

<210> 414
<211> 436
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (25)...(428)
<223> similar to gi775239 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 414
aactaatcca tccaccttgt ggcattgttc tgccttccct caactaatcc atccaccact 60
gtgacatgtt cctgccctac cctaactaat ccatccacct tgtgatatgt tcctgccctt 120
ccccaaactaa tccatccacc ttgtggcatg ttcttgcctt tcctcaacta atccatccac 180
cttgtgatat gttcctgccc ttccccaaact aatccatcca ccattgtgac atgttcctgc 240
ccttccccaa ctaatccatc caccattgtg acatgttccct gcccttcccc aactaatcca 300
tccaccttgt gatatgttcc tgccttccc caactaatcc atccaccttg tgattgttcc 360
tgccttccc caactaatcc atccaccact gtgatatgtt cctgccctac cctaactaat 420
ccatccacct tgtgat 436

```

```

<210> 415
<211> 1246
<212> DNA
<213> Homo sapiens

```

```

<220>

```

**SECRET**

tttttttttt	cactgagaat	gcagctttct	ttcatttggt	cacttcacct	cttcacgcac	60
cccagagagg	gagtggggac	ccctgcattg	gccccctccc	cgcccccg	gtcttctggc	120
aggactgggg	aaggagacct	ctcagggggt	ggcggtccac	gccagtagc	acctgggagc	180
tgtggggggc	gaggcagtc	gaaggtgtg	ggtagctctg	agctcatgtg	caggtccggt	240
accccgagcg	ccttgcagcg	ggagccgggg	cccatcagta	atagtgcattg	cggcccagg	300
tgcccggtgc	cgtggggctg	ggccccagcg	tgctgtgcc	cagcaggtcc	ggctgcccg	360
tgcgccagat	ctcccgagg	atccgttcgc	gctcctccag	ccgtgcgcc	cgctccagct	420
ctccgcgca	cgtgaagacg	ttgacgttga	ggggcccgtc	cggctctgcg	gacagctcgg	480
ggcccggcag	cgtgtcgtcg	gggcccagcc	gagtcaccgt	gtcctcctcg	tctcgtcgt	540
cgtcctcggg	ctccagggtg	ctgctgcggg	ggtcccggcg	ctgagccggg	ccccggggcc	600
gcgggcgggg	cgcccacgag	atgctgatga	cgagcaggca	gagggtagc	agcaggccga	660
agcagacgcc	cagcacgaag	tagaggccga	agctctcggg	gttggcgcgg	atgtgcgcgt	720
aggcagccag	gctgttgctg	agcaactcca	tgtcccttcg	cggggcatcc	atgctgctct	780
ggggggcagc	ttcccctacc	agcctgcgag	gtcagcaaag	tcagatcctt	ctcccagcct	840
ggagccacc	ccgacccctt	ccgcgggcag	ctcctctccc	gggagccgcg	ggcccaggtt	900
ccaccctgga	gagagcgctt	ccctaacttc	gtggcgggcc	ggggccctgt	cggggggaac	960
ccctctcccg	ggcgcgagcg	cccctccagt	cctgggagca	gcgcggggga	ccgcgggagg	1020
ccccaccccc	tggtgaggtc	ccagctgag	gcccgggtcc	gccgtcccg	ggcgggatgg	1080
aggataggga	cgtgcagcct	ccacgcccc	ggcgggctcc	gggaaggga	gctgcctctc	1140
tctcgcggcg	gccgccccgc	ggggacccac	cgcccgggg	ccaggccac	tcacggtcag	1200
cgccccgctt	cccggtgcgc	cggccccagc	gcgtccgcgc	gccgct		1246

```
<220>
<221> misc_feature
<222> (211)...(349)
<223> similar to gi854065 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

ttgggatcaa	gtggattgag	gaggctgtgc	tgtgtgctag	tgtgctgtgt	gtgcatgtgt	60
gtgctgtgtc	tgtgcgtttg	tgtgctgtgt	gctcgtgtgt	gtgctgtgtg	tgcgtgtgtg	120
ctgtgcgttt	gtgtgtgctg	tgcgtttgcg	tgtgtgctgt	gtgtgcatgt	gtgtgcgtgt	180
gtgtgccgtg	cgtttgtgtg	ctgtgtgtgt	gtgtgtgtgc	gtgcgtgtgc	attgcatgta	240
tcttaacatt	gtcttaatgc	ttttcctttg	taaaatgtgt	aaattttttt	tgattggggt	300
aatttaattc	acagtgtcat	ctgtcttcag	ttagaaataa	tqaaactg		349

<210> 417  
 <211> 607  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (47)...(558)  
 <223> similar to gi3875538 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 417  
 gtgcatgac acgccaagct tggcacgagg gctgaccgga caaaactcag cgggggctgg 60  
 atagccatgc ccaagtactg cagggcgccg aactgctcca acactgcggg ccgcctgggt 120  
 gcagacaacc gccctgtgag cttctacaaa gtcagcggag gacccgaagc acccagaagc 180  
 cagtctcgcc gccgcctccc ctacagagga atacacccct gcccagagc cctgccatcc 240  
 cagtctctgg ccagtgccg ctagtggtgc tgggccccac atcggggagc cccaagactg 300  
 tggccacat gtcctgacc cccctggccc ctgcgccaac tcctgagcgg tcacaacctg 360  
 aagtccctgc ccaacaggcc cagaccgggc tgggcccagt gctgggagca ctgcaacgcc 420  
 ggggtgcggag gctgcaatgg tgccaggagc ggcaccaggc gcagctgcag gccctggaac 480  
 ggctggcaca gcagctacac ggggagagcc tgctggcacg ggcacgccgg ggtctgcagc 540  
 gcctgacaac agcccagacc cttggacctg aggaatccca aaccttcacc atcatctgtg 600  
 gagggcg 607

<210> 418  
 <211> 800  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(801)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (800)...(290)  
 <223> similar to gi5051805 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 418  
 ttttttttta atctgaaaaa cagttttgcc acaattcttc aaatgttttt attggattta 60  
 aaattcattt aaggggtata cagatatata actagtttga tcagctacta atatattttg 120

```

gtgtcccttt atttttgtac ccaagagcca gttcactttt tctccatggt caatatttag 180
ctttggtaaa atgttgccat gttcttcctc atctgttact gaagcgtag tatttccacc 240
ctgcttggtg caagttcctc ttttaggttt ctctctgtgg gtacgttttg tgggactctt 300
ctgttttttc tcaacttcac tgtttgcatc ccacaacgtg atcttcccat cattccctcc 360
agtaagcagc aaataggatt ctgggagaaa gcagacctgg gatacccctg aagtgtggcc 420
cttaaataccc agttcctggt cacacttaac tcccatcacc cgaaagattc gaaccttacc 480
atcttctgca ccacaactaa aaatattacc acacgaagcc acagagatag aatgggctag 540
ggcagggttt aagagctgac caggtgactg tgggccttcc atttcttctg tttcatcctc 600
ctgtaaattt gtaatccaga gtggtcgggc tttttgaaga ctccacagca tcacctgcat 660
atccagtcca catgacacca ggctctgagc ctctgaggcc gaaaagccac tgaggagcag 720
atattggaat gtctcttcaa ggatctgata actntcttgt tttccaagtc taggattttg 780
attgccccag agtcgtcagc
800

```

```

<210> 419
<211> 930
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (105)...(872)
<223> similar to gil244720 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 419
ggggctgtgg tcatcttaag acagcattcc caggggaagca gggatgacag aaccccatag 60
catgagggca ggaggagtgg atacaaggat gtggagaggg gaaagactcc cccattcctt 120
tccctcctcc ctcgatcatg aaagtgagga ccaaggcacc caagggtctga ccatctgtgt 180
ctccagagct cctgcatgtg actaacctct gtgtaaactt ctccaaactg cacaccctgg 240
gtgacaggcc cctgggaggg ctcaagggac accccttcta ctactatgcc ttctatgagc 300
ttgtagccaa aggcagttgc ctgtgccttg ggcacacctc taagtgcagg tctgcacctg 360
gaaccccagc caatgtggtg aggacaatgg gaggggcatt ctgttgctgg tgggggtgggc 420
aagctgggac tccagagcag gcctgccttg cctcctccc tatcaggtag atgggctttg 480
catctgtccc caccagtcgg tgcacactgt gagtgtgcc aagacctgca ccaggatcat 540
ccatgacatg cagcagagcc tgggcacccc catgcctgct gggatgaatg ccatgctcta 600
ctctgcctgg ccatacctgc cacaggtcgg cccaccccat atctaccttt ctggttctgc 660
ctcagaatgt gagtgccatg ggcattgtcta cagttgtcac tttgacacag ctgtgttgtc 720
tggttatgtg agtggaggtg tgtgtgatgt gtgttcagca caacacagct ggggcgccac 780
tggttagttc tgctggccct tcttctactg tcatccctga gaggatccct gttcccctcg 840
gtcctgcaga catgagtcct tcaaccctta atcccaacac tgactcttat ccttcagctc 900
catggtgacc tctgacctaa ttccatcctt
930

```

```

<210> 420
<211> 599
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (78)...(599)  
 <223> similar to gi3879547 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 420  
 acctactaca gtgactccat cttcttctc tcgggcgcca tgcattcagat catgccccaa 60  
 gagatcctgc agatcattca gctggaccta gacctgaagt ttaagaccaa catccgggag 120  
 ttgtttgagg aatttgacag ttccctgcca ggcgccatca tcggcatagc ccgggagatg 180  
 cagccagttt acaggcacac attctggcag ttccgccatg agaacccccca gaccggggtt 240  
 gggggcccgcc ccccgagggg gctgccgggc ttcaacagcg gggatgatgtt gctgaacctg 300  
 gaggccatgc gccagtcccc gctctacagc cgctgctgg agccggcgca ggtgcagcag 360  
 ctggccgaca agtaccactt tcgcggccac ctccggggacc aggacttctt caccatgatc 420  
 sgcatggagc accccaagct cttccatgtg ctggactgta ccccgaaaccg gcagstgtgs 480  
 accygggtgga gggaccatkg gtacagtgc gkcttcgagg cctatttgag gtgtgagggc 540  
 cacgtyaaga tctascacgg gactkgcaas actggcatcc cgggggragta ggggggtccc 599

<210> 421  
 <211> 504  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (68)...(448)  
 <223> similar to gill196432 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 421  
 attagaatct gaagatatat ttaggagtaa ttcgaagaat gattacaaaa tagtcattca 60  
 aaatgacttt cctaactcag tccataaggc caggattagc cagacacgaa aaccaaacga 120  
 acatcttgag aaaacaatgg agcaatatcc cttatgaata taaatgcaaa actcgagaaa 180  
 ataccggcaa gctaaaccca acaacataga aaaaggatta tatcccatga ccaagtggga 240  
 ctcaccctaa gaacaccagg gtggttcaac atcagtgcac tacaccatat taacagacaa 300  
 aaaagcagtt attttgacag agtagaaaaa gcattttgac aaaatacaac actcttgcac 360  
 gatacaaaat tcaataaact aagaataaaa gggaccctct ttagtctgat aaaggacatc 420  
 tagtaaaagc tcacagctaa caccatcact ctttaacatc acagttaaac agtaaaagac 480  
 ggcctcgtgc caagctggcg ttgc 504

<210> 422  
 <211> 432

<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (58)...(430)  
 <223> similar to gi2981631 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 422  
 agctcactgt caagcagagt tgaatgcgta gttgggtgag aggagtgtag ggcagcggcg 60  
 ggcagcaaca caataaacca actagatcta acacacatcc agacattcta ccaagaacaa 120  
 tagcagcata tacatccttc tcaataaagc atgagtcatt ttccaggata caccatctgt 180  
 taggccacaa attaggtctc aatcaatttt aaaatgtagg tatcatacaa actcttctcc 240  
 aaccacaata ggataacgtt agaaatcaat aacagaagta aaactgaaaa atccacaaat 300  
 ttctggaagt taaacaacac actcttaaag aaccaacagt ccagagaaga aatcacaagg 360  
 gaaaaagaaa atacttagaa tgaaaacgaa aacgcagcag cccagcactt acaggatgct 420  
 gcaaaagcag cc 432

<210> 423  
 <211> 1393  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (122)...(1396)  
 <223> similar to gi5832891 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 423  
 tttttttttt gccttctgga tttttttttt tttaaaggga ggttggttcc tgcatttcca 60  
 ctctttgacc ataggaacgc ctggctacaa aaggggctgt aattggctgc tgcctatagg 120  
 ggccccaggt ccttctctca attgcaaggc agcaactccg aagttctaag tcccatggaa 180  
 agtggcagtg gttgggctgg actgtggctg gaggatcacc gggcctcggg tctcaagcac 240  
 catctgtctg gctgcagctg ggcccttcag ctgggggcca gtgttgcttt ccagctgccc 300  
 ccaccgggtc agatcatctc tggcaaggaa gagctgctgg catctcttac tgtccttctc 360  
 gcaggccttc ctccaccttg ggtgcctcct gacgcctgcc ccggaagtct tcatctgaaa 420  
 aggagagggg agctgcctca tctctacccc tgcagggcct cgctcaggca cggcccctag 480  
 actgggcaag agagctgacc cgactctctc tgcccccttc atttgggacc catgcagatc 540  
 cccccaggtg gacgatgcat ggggtccaggg agagaggcag caggacactc aggtgctggc 600  
 cagggtccac cactgagctc tgagaccttg gacaagttct cccctcgtct ttgggcctca 660  
 aatttctctc tctataaaat gggatggaaa agctggacta tctagatgac ctctgaggcc 720  
 cttccagtc tttgttctgg atgcctcctg accctcgaat gtggcatgag gatcagggtt 780  
 cagctgcggg cccaggaggg tctgaggcag agtcttcttg cccacgtggc ctttggaagg 840  
 gactgggtga aagttgagaa gcctctgggc ccacagactg aagctgcca gtgcttggtt 900  
 ctcaggccga ggggtcccca tgggggcagg cctgtctgcc acctcacacc caaaagaata 960



ttccccagaa	acagtacctg	gcacttcatg	ctacaggtac	acatctaggt	ggaagtaggg	1020
ctagggcccc	ttttcagggg	ttgcagaaag	ggggaagcaa	tgtcgaccaa	gtcaggggga	1080
tccatatctt	tgggtcacct	gcccaccaac	cctcagtgtg	ttcctccagg	ggacagggcg	1140
ggtgctccca	tgaaacaccc	aggaactccg	ctgggagatc	cccgatcata	gagaagttgg	1200
agcttcgatc	tcccctccag	cctccccaca	cgcgtaggcc	tccacatcat	ccaggaggtt	1260
ggctgttgac	gcgacagccc	ccagcctgcc	aggccattca	ggaaaaccgt	cccagggatg	1320
aggggacact	gccctagtcc	tcccagtcct	actgactctc	tgccccaccc	ctcaaagctc	1380
tggaggtacc	tga					1393

<210> 424  
 <211> 1312  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(1290)  
 <223> similar to gi2317934 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 424	
ctggcacctg	gctctggccg agttttctgg ccagaggccc ccactttcct aactcgagct 60
cccttccgcc	ttcttttccg tactgtgaag aaagaactct ccaccccagc tcccaccctg 120
ccctggcctg	ggtggaggaa ctgcgcctcc atccccagaa gaaacagccc cctctgctgc 180
tgggggtggga	ctgtctgtgt gccctgtggg ggtccgtgtg agcaggccca cctggctcca 240
gacccgcccc	caacctgaga cagaaccagg ctgagccagg ccctcacccc caaccccgt 300
ttgctggggg	cttctccagc cggcccccat gggaagaggc ctgggtaccgc ctaccccaca 360
gaggtctgtg	ccaggtgcgc ttctgcaggt ggagccaagc tctccctgag gccagaggcg 420
gggcctgggc	cgggagccca ggggaaggcc aggtggacc ccggtccac acccacatcc 480
agcctgcagg	cctctctgca gtctctcac cctccctcag ctcccccttc tctgcagtca 540
ccctcagctc	cccttccttg cccgcctctc cccccgccgc cccaccagtt aaacggatga 600
ccaaagacct	ttcttatgcc ggaagcaaaa accaaaactt tttgttggct ttttcctttg 660
tcgcctcccc	agcacctgcc ctcccagctc cccaccccgg ccccaggctg gaagccctcc 720
ctccacttaa	gttattgttt taaaccaaag ttacagtggt ctgttggtgg ccaagacctt 780
ctctctccac	ccctcctcca tccaccctga ggaccctggg gctcagtgga ggcagggccc 840
tgccccccctc	ccttccgctc ctgcccagcc tgggggaagg agaaaggagg ggagaaagcg 900
ggctctcacc	ccctcaggag tgggcaaggg agcccttctc cctgaccctg ggctgcttcc 960
tgggggctct	ccagacccct ctctaggacc aagtcacccg tcgtgctggg agtgtggatt 1020
ctagcaaaag	agctggaaaa aagtcagact ctccacagac ccctatggg ggacccccaa 1080
ctcaaggcca	aggactgggc gtatcggatg ctcataacac ccctggcctg gcccctttac 1140
tgagaagact	ccttggatat ttcccaagaa cccccacat acacccctca caagccaccc 1200
ctcctgagag	gcaggggggc ctccgcccc tccccatgta ttccccacct gtgttccggt 1260
tgaccagcac	agaaatatta aacgtcctct attcactggg aaaaaaaaa aa 1312

<210> 425  
 <211> 595

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (23)...(595)  
<223> similar to gi483916 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 425  
ggaattccag aacaagaaaa atattgctag gagtaatgaa gcatgattca tcacgaaaga 60  
aggatcaatt ttttgagaag acacagcggc cctaaatgta tatgcatcca gtaacagagt 120  
ggaagcaaaa actgacagtt gaaaggagaa atagacaaat ccacaattac atttggaaat 180  
tacaacattc ttcctcaata actgatagaa caagcaggca aaaaatcagt aagggttatag 240  
aagatttgga caatactctc aatggactat acttaattga catttacaga acactctgcc 300  
cacattcttt tcaagtgcac atggaacatt taccaaaata gaccatatgc tgggctacaa 360  
aacacatttc aacaaattta aaaggattga aatgtagtgt ctactctgac tacaatggaa 420  
ttaaattaga aatgaaaaag atacctggaa agtctccaaa tatttgaaag tgaaataaca 480  
tacttcaaaa taacctttgg gtcaaagaac tcacaaagga aattagaaaa tattcataac 540  
gaaatgaaaa tgaaaacaca atatatcaaa atttgtgaga tactagaaaa tattt 595

<210> 426  
<211> 1609  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1610)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (1609)...(17)  
<223> similar to gi5739387 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 426  
tttttttttt ttcaccgggc taggtctgct ttttattggc cacgcatcca gccgccagcc 60  
tcagggcaca cacctggcag ggggcaggct cgggtaggct gccctcgctg ggtgggcagt 120  
gagggggcag cggtctgtgg gtgtcaccct gcagccctc aggtggacct gtattgtccc 180  
cagggcctgc ccacgtggg cagctggcac tgggaggggt tttctgttga tgtgatggcc 240  
aagtttcagc tgcagggcag aggcctggca gtggcagcaa aggcagaccg cccccaactc 300  
caacttcagg ggctggacat gctggaacgg gggccagacc ccatgggagg ggaccctggc 360  
ctgccatggc actgctgcc agcttaccct tgcccagggc ccccaactca gccacctcca 420  
agcagtaaag acttgcaaag cattgcattt tgattaaacc ttgctgggct gaagggcagg 480  
cagagctgtg gtggacactg gcaggacgca gcacccccg actggccctt ggcaggctgc 540

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accgggcgca tgcgggtgtg ggccagggtt gccttttagga agcagggtggg aggctggcac 600
gtgcaggcgg tccaggaggg caccaggcct ggcagggcac tgggtgcctgt cgggttccca 660
gccacaacac cccaagaagg ctccaggagg gccccggctg ggtaaggcac ggagttttgg 720
tttccggggc ccagtcccag cctggccccc agaagagcct ctcttggcag aatggcagca 780
tgtcctgtgg cctgggctct ctacttggc cttgggcctg ggcctgaggc cttactggat 840
cacacacagt ttctttgttt tattatcatc agaatcaggg ggaacctctt cctggctcct 900
ggaggggacgc ttcttccttc gcttcccggg cccctttgag gcccgcccc gggccctggg 960
gagtgtgccc gaccccggag agtcggtcac cgcctcctcg gagaaggact tgtccaggga 1020
tgtgtccagt gcggactctg gggcctgtc ctctcgtcc tcgtcctcat cccacactgg 1080
gcctgctgca gggggtctgg caccacggct gtggacagcg tcctccagcc cctcacttgt 1140
gctgtcggcc tcggcctgga ggacgcccag caaggacgtg ggatccttgg catcttgcct 1200
tgaacttccg gctgcagggg gctggttgct ggagaacttg aggggcttca gggcctgagc 1260
atctcccaga gtcaccggcc agggccccc caagggtggt gggcactggg gatcctcagt 1320
ggttaggaca tcgctggcat ccacatacca ggaagaacgc ctctccaggg gccggggacc 1380
accctcctcc aactgtccca ggggtgggctg agggccgggg gtcacggcgt gtacaaggct 1440
ccagccccgg gactcgtctg ctgttgtagc atcaaggccg ggctcagagg cgggacagcg 1500
cgtgctgccc acggggtctc ctgcagggtt actggtggcc acaggctctg tggctcttgg 1560
gggatccagn ntccnccgc ncttccagn gtctcaatag ggtgtcaaa 1600

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<210> 427
<211> 660
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(652)
<223> similar to gi4185939 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 427
ggaattcgct gaagggaatc aaatggctga ccgcctaatt gctaattgcaa tctcaaattgc 60
tatacacttt cacaatttaa cccatgtgaa tgcctctggt ctcaaacgca gatgcagtat 120
tacctggaaa gaagctaaag ctattatcca gcgatgcca acttgccaaa tggcccattc 180
ttcatctttt acaggaggag ttaatcctcg aggattggaa cctaactctg tttggcaaat 240
ggatgtcaca catcttccct cgtttgggag actagcttat gtacatgtat gtgtggacac 300
cttttctcac tttgggctac aggccaatca ggagagcctt ctgcctgtgt taaatgtcac 360
ctcttgacgt gttttgcagt gatgggcatt ccagcttcta ttaaaacaga taatgcccc 420
ggctatccta gccaaactct agctacattt ttctcttctg ggaatattaa acacattact 480
ggtatcccat acaattctca aggacaagcc atagtggaaa gaatgaatct ttccctaaaa 540
cagcagttgc aaaagcagaa agggggagac agagtatatg gaaccccata gatgcaactg 600
aacctagcat tattaacttt aaattttctg agcctgcccc aggccagaag ttatcagcag 660

```

```

<210> 428
<211> 1072
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (158)...(1050)

<223> similar to gi30058 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 428

tttttttttt	ttaaaaaatcg	gcatgctcct	ttattttgttc	agaagagcag	ccagcatcac	60
cctcgccact	caaacctggc	acatacgctt	cggagacaat	ggcctcggga	ccctcatgct	120
gctgggcca	ggagagacag	ttctgaggca	gaaactcggc	gtccaagggg	ggccgcgggt	180
caggcactgt	ggtgaaggga	acgccgggga	gtccggcccc	accttgcagc	tggggacacg	240
ggggcgcaaa	cagagggggc	aggctagtgt	cccgtgccc	caggaacaga	cctcagggcc	300
ccaggagggt	ctgcaggcag	ctaggagcct	gccaaagtgt	ggtggaagta	gaggccgaaa	360
aggctggcga	gcagctggca	ggcagccgtc	caccagatga	ggtaggccag	gacgccacgg	420
aggaagagg	gagtaagcag	gccacccaga	gccccggcaa	tccgcgctgc	agtctgctgg	480
acttcgtcct	ccccagagcc	gatgggggca	gcgctggctg	aggatgggtc	gggggatagt	540
agaggagctg	ggcccaggcc	ccaggaatag	cctcccagcg	tcttgagcag	aagtgtgcag	600
ttgagggtga	ggatgagcgg	cgtcaggtag	tgcaagctca	ccacggtcac	atagcagtag	660
actcggacca	ccctctgctg	gatttcacgg	gcttcgatgc	ggccagcctc	ccttcgcagc	720
tgtccacccc	gggccttggc	caggcacagg	taggcctgca	ggtggggccg	ggtcaccgcc	780
agccgcagca	ggcacagcac	caccagcaac	cagaggcgcc	cagagtcgaa	ggcagaatcg	840
gacagcagg	agaaacgcgt	ctccccaaac	ggcggttgt	gcaggaagtc	ccgtgcaatg	900
ggctttgtcc	agagccacag	gatgaacagg	ggagacagga	agctgggtgtg	caggaggaac	960
ctgggggggtg	agggcaggag	ggagtgaggc	ctgggtaccc	cctctcctcc	acccgggact	1020
tccggaccgg	tacggcacgc	gtaaagggtta	tcaatggttt	caatccccac	ct	1072

<210> 429

<211> 1330

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (177)...(1314)

<223> similar to gi3641655 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 429

tttttttttt	atggggcggg	aactttttat	ttgaagcaag	ttaatcatag	cattgcccc	60
cagtaccctg	gtatcctgct	acaaggagca	tcacaccatt	tgggcacatg	gtgtgccctc	120
tccactagcc	tggcatctca	gcagacagca	gagggcagca	gaagctcagc	tagtggggcc	180
cctcccacca	gccccacccc	ggtccactga	aaggcagtgc	tcctgggggc	ctctgtggac	240
tggtggggcc	agggctgcaa	cacgcctca	ggccaagctc	cactctgggc	accctgcag	300
gtaactcagg	tgcttgagc	tcggccagct	ctctaatacca	cccaaggagc	ccgcccagct	360
caagggccac	atcccaaaga	cagggtgaac	caggggacag	tccaagcctg	agaaagcgac	420

agctacagga	aggaaggcag	aaaggctttc	agatgagggg	aggtcttctg	tccatgggtg	480
agctgggatt	cacggccatg	aaggaaacgc	caaggagAAC	agagacagac	acccctggca	540
gctccccggg	attgcttctg	ctgctgttgt	tattgcttcg	ggcagagggg	ctttgcccc	600
aggaggccaa	gcaggccctc	agaagctggc	accaccattc	tcatccttat	cagttccggg	660
gggggcacgc	tgggggtgag	cagagggggc	cccctccaag	cagagaggca	aggtaacagg	720
agagcctggg	aggcagtgtc	gaatctgctt	gtatgcacac	gtgccctgac	atgtttatag	780
atggacaccg	ggtgcagtgc	gggcgtgtga	gtgtgtaatg	agtgtgtccg	tccgcgtcca	840
tgtgagcatg	cagacggggg	ggggcagggg	tgagtggccc	cggggaagca	tgacagatat	900
ggctgtgggc	tacagcgggg	agcaagagca	ggtaaacaat	gcctggagca	ccaacaggaa	960
agaccagagg	ggcagaagga	gaagcacaag	gacaggagga	tgcggccccc	ctcgctccca	1020
gcaccccgca	ccactcgtgc	atgagacagg	gggcagagca	tgggaaaggc	tgacagatag	1080
ggggggcctg	cagttggggg	cacgggaact	gggcgttagg	tgtcccaggg	gtgcctggtg	1140
ttcatgctga	ttgcagtgtg	gatgcacgtc	ctcctggggc	agtccacggg	gtgcgcctgt	1200
acacactggg	cgtgtgcgga	tacaagggca	tgaatgcagg	ttggtcgctt	gtcttcacac	1260
aggcatacgt	aatgttcgca	gagacaaccc	cccatcctcc	agtggccacc	ctgagcgaac	1320
gcgtgggtcg						1330

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<210> 430
<211> 826
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (45)...(826)
<223> similar to gi2072961 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 430						
taccacaatc	atgactatat	aaggagtagc	tatacttacg	ataagagact	ttgtatcaaa	60
cacagtaggg	atgaaatcag	gaagaggata	caaaaattgt	aaatatatat	gcccccaata	120
tcagagcacc	cagatatgta	aggcaaatat	tattagatct	aaaggggaag	acaatacaat	180
aatacaataa	tacttgtgga	cttcaacacc	ctactttcag	caatggacag	atcatataca	240
tagaaaaatc	acaaagaaac	accaagttta	aactgacttt	agaccaaaatg	gacttaaaaag	300
acactaacag	atcttttcat	ccgacagcta	cagaatacat	attttttttc	ataagcacat	360
gcaatathtt	caaggagagg	ccacatgtta	aaccacaaaa	caaatacaca	aaattaaaaag	420
aattaaaaatc	acatcaagta	cctttctgac	cacaatgaaa	taaacctaga	aatcaataac	480
aagaggaact	tttaaagcag	cacaaataaa	tggaaaattaa	ataacatgat	tctgaatgac	540
caatgggtaa	tgaagaaatt	aagaaacaaa	atttaaatgt	cttaaaatga	gtgaaaacag	600
aaacacaaca	tataaaaatg	tatgggatgc	agcaagagca	gttttaagag	ggaagtatht	660
agtaataaac	acctacatca	aaaacaagaa	agatctggct	gggcatgggtg	gctcacacct	720
gtaatccccag	tgctttggga	gccaagggca	ggaggacgac	ttgatgctgg	gtcaagacca	780
gcctggggcca	tatatatagc	aagaccttat	ctctaaaaaa	aaaaaa		826

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<210> 431
<211> 837

```

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(838)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (401)...(385)  
<223> similar to gi2981631 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 431  
cgagccacgc gtccgcttaa atttttgttc tggctgtggc tttatgcttt cctaaaatgt 60  
ggcctgtaac gggttattgg taaatatgct gaattgcttt ctttggcaag tgcatttcag 120  
tattgaatcc aagtaaaaac acaaatatatt acttataaaa gtcatttggg gtagtaatat 180  
ttttactatg gccactgacc cactagttaa atgttagggc attgctagat tggatcctgt 240  
ttattttaagg gccgagagaa agagaaagct aacattaatt gaatgcctat taatgtgcca 300  
tcatatttgg tacactatta tctctttttt gctttcccag caactcggga agtttatatt 360  
atctctgttt ttccagcaag aaaagtagct ctcaaagaaa tttatagaaa ttgagaagtt 420  
gattttttaa ctctgaaaat gtaacaatc caaaatagtc aaaccaatth ttaaaaagaa 480  
caaagttgag attcttgat tggctgattt taaggcttgc agtaaagcta caagacagtg 540  
tgggtgttga gaagagctgg acatataaat cagtagagta ggataaagtc cagaaataga 600  
cccatacata catggtcaat tcgttttttg caaggcaatt taatggagaa aggaaaatct 660  
tttcaacaaa ccattgctaaa acgactaggt ttccatatag agaaaaaaat gagcctcgct 720  
taaaagggtc gtagacctaa atataaaagc tnnnnnnnnn nnnnnnnnnn nnnnnnnncc 780  
gtgtggagtc tggagacgac gtgcagaaat ggcacctgga aaggggaagg aaaagaa 837

<210> 432  
<211> 888  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (107)...(847)  
<223> similar to gil340175 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 432  
ttttttttac tatactaata gattatgtat attataaaaa acacaataaa aaatagacat 60  
tttaaaggga tgagattaaa atatagaaag aaaattccca tatgtttttc ctgctgccgc 120  
tgggggttg tgtccatctt tggggacctc tgaggaggcc cctggagcca ctgagagggg 180  
cgggtggctgc caggggtctg gaaaatggag taaggaggcc tgaaggggcc ccaggaggcc 240  
ttcggggagg caggggtcgg ggttacagct ccgcgccgct ggggaagcgg aatctgcggg 300

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cggaggccgg ggcaccgtgc tgtccagggc aaggggaacg cagtcccgcg gcatccacga 360
cggagggggc cgccgcggg gcctgggtgg ccggggagcc agggcatggg catccggggc 420
agaaggactg cgggcgcgaa gcttggggagg cagggtactt ggggcccga gagtcgctcg 480
ggcctggctc cggcagcagt cgcgacaggt cctccaccag gtgccacttc tcctgaacct 540
gctgtgagga gaacaagtgg cgagttgcga caggcgctgc tccccacgag cgggtgtgag 600
gacagcagcg gcagcaactc tgcggcccat gggccagccc gcacccaaag tagccagagg 660
ccacgccccg cccgaggcca cgccccgctc gaggccacac cctcccaggg ccacgcccc 720
ccagggtccc gccccgatgc agccctagac cagccctca ggagttccgt ccccaacgca 780
gccagatgcc actccttcca cgtccccgct ggagcccaca ccctcccagg gccacgcccc 840
accagggtac cgccccgatg cagccctaga ccacgcctc ctgcctcc 888

```

```

<210> 433
<211> 677
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (25)...(677)
<223> similar to gil724122 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 433
gcgcgggggc atcagcatcc ttttaagttt atcaaaacat gcccggtgtg gctgcagctg 60
agtctggggc aggcagaggt ggccaggatc ctgcaccggg tgggtggctgg gatgttctcg 120
gttcgccggg acagcagctc gaagcagctg gtgctctgtg tccactttcc ttctctgaac 180
gaaagctcgg ccgaggtgct cgaatacacc attaaggaag aaaagtcgat attgtacctg 240
gaaggctcgg ctcttggtt tgaggacatc ttcagattga ttgcgttcta ctgtgtcagt 300
agagacttac tgcccttcac actgcggcta cccagggcca tccttgaggc cagcagcttc 360
acggaccttg agaccatcgc caacctgggt ctgggtttct gggactcctc gctgaatcct 420
ccacaagaaa gaggggaagc agcagagccc ccaagagacc gggcccccg attcccccta 480
gtctccagcc tcaggcccac agcccatgac gcaaactgtg cctgtgaaat cgagctgtcg 540
gtaggaaatg accgcctgtg gtttgtgaat cctattttca tcgaggactg cagcagcgcc 600
ctgcccaccg accagccacc tcttggaat tgccctgcac gccctttacc gccacctct 660
gatgctctcc tgccctcc 677

```

```

<210> 434
<211> 404
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(400)
<223> similar to gi2477513 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 434
gccatgtcag tgcctgggca ggaggagcat atggtccggg tgcacgatgt cattcaacag      60
ctgccgccac cacattacag gtaaaccaga aggggcaggg cgggtcttgg tggattcca      120
agggggttga ggctcaggtg cccctctctg ttctccccc aggacctgtg agtacctggt      180
gaggcacatg gcccgcattg cgagacacag tgccaacgcc agcatgcatg cccgcaacct      240
ggccatggtc tgggcaccca ccctgctacg gtccatgaag ctggagtcag tgggaatggg      300
tggcgcgggc gcgttccggg aagttcgggc ccagtcggtg gtggtggagt ttttgctcac      360
ccatgtggat gtcgtgttaa gcgacacctt ctctcctctg ctcc                        404

```

```

<210> 435
<211> 763
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(723)
<223> similar to gi2047353 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 435
ctcaggtagg cgctgatggt ctgggggatca gtctccatgt ggattgcctg ctgcagggcc      60
agggtctgtg tgctcctgac gctgtcgaac agaggcaggg gaggcaggtc ccgcagcagc      120
cactgatagc cctgcagcac atctgtgtcc cccacatcct cctccatggg gggctccttc      180
tcttccccgt cccgcaggct gccctccgaa agcaccagcg acaaaccctt catggccagc      240
acgcgggagg ccacctggga ggagccgagg cgccgcaaaa agtagtccag cacctcacac      300
gtggtttgct catcagcctt cgggcccagt agcaggtcct gcaggcggcc cagcagctgc      360
cgctgctttt gttgcctctg ccgcttcttg gccttctgct ccttgctctc gccctcgtcg      420
tctcctccc cggaagcagc atcgtccaca gcacgtgca gcaggaactc gcacagacac      480
tgcacgggca gcacgtccag ggagccctcg ctggactgta ccaggtcgc cagccagggc      540
atggactgcg aggaggcctg ccgctggatg atgtggagga gaaagtcagg gtttcggctg      600
cggcacaaga ggtgcccag ggcggaggac tgggtgaggc ttttcacttg atccaggatg      660
tgagggggag gcctccgggg gggcccctgg ggggtccaggc tgggtgagctg cgacaggagg      720
aggctgctgc tctcagtgat ggtctgcttg gtggacgcgg ccc                        763

```

```

<210> 436
<211> 580
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```





<210> 438  
 <211> 982  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (378)...(982)  
 <223> similar to gill182038 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 438  
 gcgcgggggc acatagccac tgcccagagc tgccccccaga gctgggagcc atcttgcaca 60  
 tgggtgctgtg agatgccctc cagagaggaa gatggaagct gtctccgtgc cccgggactg 120  
 atgaagggcc cattccaggc ctttggggcac ccgggctcgc tacccttctg ggagccctgt 180  
 cctgtggggc aggacaaagg tgccctcact ggtggcattc tcagaagctc agccactccc 240  
 cacacatgca cataggggcg tgcccacacc aagccacgtg tgggtgtctg gggacaatga 300  
 gtcttggggg aggggggtggg tcccttccag aagggtctgg ccaaagtcca gttatgaagg 360  
 tgagctgaga tgggctccct caaaggagcc atagtgtggg gagccccggg cagagcccag 420  
 agagaaatgc cagccccgag accgagacac gctccaagga gtgctgccaa gagcagtaga 480  
 cacagccgct gagggccacg gggcacagtg aggctgtggg agaggggtggc ccctctgtgg 540  
 ccatttccct gcctgtgtc acatcccctc ctcaggcctg tctcaccagc tcttgcagcc 600  
 catgaccac attctgtttg actctccttc ctctcctggc aacagggatc ccagtgtccc 660  
 tcaccattcc ttctgtgtc tctctgcct cccggaactg ttccccagga ctctctcctg 720  
 ggtcagccct tcctcccact ccacatcagt ggttccgaac cccggatgcc tttgggatca 780  
 gctgggtgca ttttaaatcc ttccagccca gagccctgag gcccaagtca cccccgctg 840  
 ctctgtgtgc accccttggg tcagccaacc attttatcat catccatcac gtcccctgtc 900  
 accaagagcc tctggcatgt tctgttgtcc ccacgcccac actggcacc ctcatccacc 960  
 aacctgtata tctcctgcct cc 982

<210> 439  
 <211> 603  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (48)...(604)  
 <223> similar to gi2121220 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 439  
 tttcgtgctg aggatgaggg tgaagagtac agccctctgg agggcctgcc accctttatc 60  
 tcactgcggg aggatcagct gctggtggcc gtggccttac cccaggccag aaggaaccag 120  
 agccagggca ggagaggtgg gagctaccgc ctcacaaagc agccaaggag gcaggataag 180

```

gaagcccaaa agaggggactg gggggctgat gaggacgggg aggtgtctga agaagaggag 240
ttgaccccggt tcagcctgga cccacgtggc ctccaggagg cactcagtgc ccgcatcccc 300
ctccagagggt ctctgcccga ggtgcggcac ccactgtgtc tgcagcagca ccctcaggac 360
agcctgcccc cagccagcgt catcctctgt ttccatgatg aggcctgggt cactctcctg 420
cggactgtac acagcatcct cgacacagtg cccagggcct tcctgaagga gatcatcctc 480
gtggacgacc tcagccagca aggacaactc aagtctgtct tcagcgaata tgtggccagg 540
ctggaggggg tgaagttact caggagcaac aagaggctgg gtgccatcag ggcccgggtgt 600
att 603

```

```

<210> 440
<211> 697
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(697)
<223> similar to gi2760483 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 440
tttcgtcccc gaggctcggc cggtaggggc agccgggggtc ctctgggatt gtcaggcctg 60
tccagcctcc cgcagcatcc ccgccccctc ccccgccggt caagatggag ggagcgggag 120
gcctccccct cccacgcgtg ttgggagggg ttctcgggta gcggcgatgg tcagccccgg 180
ctcccccttc cgcacgatcc tccgcccga gcgtggggat gtcggggcag ctctccact 240
cccggttttag gtgtgaacgt tggaggggtc tggaggctgt ggtggcggtt tccggaacat 300
gtccccctcc atgggggaca tctctggagg ggagaagtta gggccgcgtc ccccggtgcc 360
gttaaagggg taggcaccgg gctcctccgg aatcatcagg gtctgtcggg gctctctccc 420
cgccccctcc gagtcctggg aaagatcgga ggacgggggt gagacaagtg ggcccttgcc 480
cccgaccccc tctgcgttcg tgtccgaggc ggcggcgggg gctcccgaac tcccctgaaa 540
tcgtgggggt ccatgtggcc tccggcagcg ttccacctc cccacctgg ggaagggaag 600
gggtggggag tgcccggccc cgtcccggcc ttctccttc ccccgccaga cctctccggc 660
gcgcgggtgg tggtcgatcc gcattgctgt tcgaggg 697

```

```

<210> 441
<211> 859
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (222)...(724)
<223> similar to gi2653353 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 441
cctgtggaag aagagcagga tggagagcat ggtctggtcg atgttgcggt tgcagatgcc      60
ctcgttgatc aggttagcagg ggtcccgcag caccggctct agcgaatcct gccgcattat      120
gctgttgagc ttgtcgggat tgagggttctc aaagaccagc ttttcctgca gctgccgaaa      180
gttgctcact gtagggctgc ccgggttggt gttctccccg ctgctgcctc gctggagccc      240
actccgatgg gccaggtcca ggcagcagtt gcagcagtcg aggccgacag gtgagcggca      300
atcgagcttg gactgggcca tcttctcagg ctcggagggt gcctggcctg cgaggtcagg      360
ggcggctggc aggtgcgcgc ccaccgagct ggcctgaggg gactccaggg tgccctggaaa      420
agacaagctg tgaggaaaag agttggaaat tagcgcctaa agccagccac cttcggctcg      480
gcccccttct ggctgtactg ctccgggtgc gaatagaaac agctggacaa acagctccga      540
gcggatcctt cgggctcact tcctcctctt cctccttctc ctccccctcc tcttgaggcc      600
ggggggccgc cccctgaggt gccacacgcg gccccagcgc agtcccaagt ttcccaagtg      660
tgagcgggga ttggggcgga cctgtggagg cagggaaggc gggcagcagg gcagagggag      720
agccaggggc cgccttctg cctccctcc tttgtccct ccctccccgg tttgcaggct      780
ctcaggctct cgggctcccc tgggctgtga cggctgagcg gtggcaggag ctgagagcga      840
gtgagctacg aaatcgctg                                     859

```

```

<210> 442
<211> 1569
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (9)...(1435)
<223> similar to gi211610 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 442
ctctcttccc cgctcttccg aggaaaggcg gggcctgggc gcccgcggga aaccggggcc      60
cgttgcatcc gctgggtgta gccgtgggga tggcagggtc ggggaggctg gtcctacggc      120
cctggattcg ggagctgatt ctggggtcag agacaccctc cagtccacga gccgggcagc      180
tgcttgagggt actacaggac gccgaggccg cggctcgcggg cccatcccac gccccctgata      240
cgtccgacgt cggggccacg ctgcttgtgt ctgacgggac ccacagtgtc cgatgcctgg      300
tgacgcggga ggccctggac acctcggact gggaggagaa ggagttcggc ttccgcggga      360
cagagggccg gctgctgctg ctgcaggact gcggggttca tgtccagggt gctgagggcg      420
gcgcgcccgc agagtcttat ctccagggtg accgcttcag cctgctgccc acggagcagc      480
cccggctacg ggtgcctggt tgcaaccaag acttagatgt tcagaaaaag ctctatgact      540
gccttgagga gcacctttca gagtccacct cgtccaatgc aggcctatca ctgtcccagc      600
ttctggatga aatgcgggag gaccaggagc atcagggggc actcgtgtgc ctggctgaaa      660
gctgcctgac actggagggc ccttgacacg caccocctgt caccactgg gctgcctcac      720
gatgcaaggc cacgagttca tgtcccacag ggagaagctg tgtacactgt cccagctca      780
atgctgtgca tctctgagaa tgaccagcta attctgagct ctctaggccc ctgtcagagg      840
acacaggggc ctgagctgcc cccaccagac ccggtctctg aggacctatc tctgacctc      900
atagcctctc ctcttctctc acccagttcc tcaggaaacc cggccttacc cggccacatg      960
tcatccgagg aaagtggtag cagcatcagc cttctgcctg ccctgtcctt ggctgctcca     1020
gaccaggggc agagaagcag ctcccagccc tcaccagcca tctgctcagg cccctggcca     1080
ccctgacccc caggtcccca cacgccagcc gtacccccag ctcccactc cagagctgca     1140

```



<222> (160)...(713)  
 <223> similar to gi530878 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 444  
 atagggatgg ctctgccagg gccagccctg ctggggaaag gggacaatga cggaccccag 60  
 ggcccccccg aaagcaaaca ggattggatg gataagccaa gaaggatgta ataaatgatg 120  
 cactatcatg aatccccgag cgctagaatc gttctttccg tgcgccccca tcctgtgccc 180  
 tctgtccagc gccaccttcc ccaagcacca aaccagcaag ttccattttg tgctcgctcat 240  
 aagtccacac tcacatccag ccacaggcct tcgtccgtaa ttccccacgc tccaccaagt 300  
 gtccacagct tccaagtaac aaagggaag ctctcatgg ataaagggtg ggcgcagccc 360  
 tttcccttcc tcctgaaaac cctgacccca agctcaaggc agcaccgaga gcaattccca 420  
 gccaccagcg tccccccag cgccacagcc tgctccctcc agaggctcct ctctcttccg 480  
 acgcccattc ccttgtttac atccccagcc cggtttcccg ctgcccaggc ggggaccgcg 540  
 gcgcagctga ccgcggagga ccgcacacac cactgaaca caaaaaacc ggcgctcccg 600  
 gcgctccaga gatcggtccc caccgagcct cgccctcct cggaanaagg agccaacttt 660  
 gccacacctc ccagccgctc acatgcacag ccggtccctc ccgagacacg aaa 713

<210> 445  
 <211> 949  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(950)  
 <223> n = a,t,c or g  
 <220>  
 <221> misc\_feature  
 <222> (75)...(947)  
 <223> similar to gi2317934 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 445  
 gcacgttncc agnagggnat tccaagcttc ntctgcaaaa ctcttttccg ctgtgaactc 60  
 tggctcagac agtggctctg atgcagtctc tgggttcccg aaggccgtcc ctgggcattg 120  
 ggggtgtccg ctgtccccc gctggccac gcttagtgcc tgctccact tctgcagagc 180  
 ttctcaaac agctccatgc cttgcatgta caggctctct gcattgccgt cgctggtggt 240  
 cagagactcc tccatccctc tggcatccca tagtcccgag caccggtgct tggggctgga 300  
 tgagttcact gccatcatcg aggccacact gtgggaggag ccccgagtgc ttgctgggct 360  
 caatggaaga gatgccactc aggggtgtcg tgctcttgct gctggggctc tggactctcc 420  
 ggctggagta tcctttcttc actgaaggga ccttctcggc caagaggata gggaggggca 480  
 ccgtgccagc ctgctccctc cccatctcgg gaccaacctg cttcttctc ctccgtcgcc 540  
 tcttcagctg gtgggcagcc agggccaggg ccacagtccc cagggccgtg gcaaagagga 600  
 ctttccgcag gcctggcgtc aaccgtagct gggagaatgc agactgcca aacgtcgtgt 660  
 acaggaacac ggggatctcg gccaccgtca tggccagggc ctggatcata gacgtgcctc 720

cgccctccg	gaacgccatg	gcagggccaa	tgccccaggc	aaagtcctca	gggccaagag	780
cttccaagga	gaacgtcttc	aactgggttc	cagctgggtc	ccaggcacca	tccacgcccc	840
agaaggacag	ggacacacat	accagagggc	ccctccacag	agccgggatg	ccatcgctgc	900
ggaagggcag	cgtctccttc	cccacgaaat	cgtcgaccgc	agtttccgg		949

```

<210> 446
<211> 990
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (153)...(695)
<223> similar to gi3327230 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 446						
caaaaagagg	tggttcctca	gccgcccctc	acgtggcagc	ctccacggag	acttcctgga	60
tcttaatgtt	ccttctccca	ctcgtaagtc	cacactgact	gggggagttc	aaaagcagag	120
gtgcattcag	cagggtcggg	tatgactaag	gagactatca	gggcaggagc	agaggccaca	180
gcatcaacag	cgttacatct	gggcccttgg	cattcctggc	acacccctgc	ccagaggcag	240
gagtccctga	ccagccagct	tcttccatag	catgacctgt	gccaaatgta	accatggatt	300
ctgctggcgc	tgctcgaagt	cctggaagcc	aaatcacaaa	gactattaca	actgctctgc	360
catggtaagc	aaggcagctc	gccaggagaa	gcggtttcag	gactataatg	agagggtcac	420
tttccatcac	caggcgcggg	agtttgctgt	gaacttgcg	aaccgggtgt	ctgccatcca	480
tgaagtgcc	ccgcccagat	ccttcacctt	cctcaatgat	gcctgccagg	gactggagca	540
ggctcggaag	gtgctggcct	acgcctgcgt	gtacagcttc	tacagccagg	acgcagagta	600
catggatgtg	gtggagcagc	agacagagaa	cctggagctg	cacaccaatg	ccctgcagat	660
cctcctgggt	gagccacccc	tgccagccag	gccctcctcc	tgctcctcc	cctctgttgc	720
acagcccggc	ccctccaga	caggtcaagc	ggcaccctta	ccttccctct	ctcctcttcc	780
tcttcattct	tcatggcctt	ctcactgcct	ggctgttaaa	gctcaggtcg	aaagcctaca	840
ttgtaagggtg	cccaagggcg	cagatgttcg	tggatgattc	ttggatcctg	ggctttaccc	900
tgctccccta	gggagcttca	tgagaatgtc	tagagctgca	cctggtgctt	ggtagacgtt	960
ccataggtga	ttgttgagg	aaggaatgga				990

```

<210> 447
<211> 1145
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (61)...(455)
<223> similar to gi3413391 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400>	447					
tgaccttcta	gcaggttccc	ccagggaggg	gaggccacca	gctgactcac	cgcttaggaa	60
ggcccaggtg	ctgacctagt	ggcggagaaa	aaacagccgc	acaccgagtg	tggcttccag	120
agccccctct	cagctccagg	cagccccctc	taacatgtcc	cctcctgagc	tcagccccc	180
cccccatact	cctggtgggg	actaggtctt	gcttggttc	ggggtgacc	gccggtcccc	240
tttcttctca	ccacagtgcc	catttttcat	ccagggagaa	cctcggggct	gggacacctc	300
ctggccctca	ccctgggtca	tgtttacagt	cctcagtgcc	ccacaccggt	ggccccctga	360
ggacacctcc	accctgacct	tgattttccc	aaacgctgcc	tcttggtgac	agactcagcc	420
caaaacccct	tccttctgtc	tctggagacc	cttgagcttg	gggaaatatg	gaggggtggg	480
tgtctgcaat	caaggcctct	gcagctcacg	gctggcccgg	tgggctggga	cttcggtctg	540
aatttttaat	acttagggtt	catttttttt	tctctggcaa	caaagcttga	tgttttctact	600
gctttagttt	cctgtttgct	ggtgggaggg	gatacggctt	gtgactctgg	acttgctctg	660
ggggaacagt	tgtcactgcc	cccggggaga	ggggcagctt	gggctggaga	agcacagcca	720
gagacagagc	ccctcgagag	ggatccttgg	ctgcttcatt	gtcttccccc	cagcaagccc	780
tgctctccac	aggcacctct	ggggtcttgg	tatggtcccc	gtcacctcc	ttccagagtc	840
ctgagtggtg	tgggtgtggg	tggcacagga	tctggggcat	gggaggggtt	cagagcttcc	900
cagagccctg	tgtcctggca	gactcagctg	gtgggctggg	gtgttaacct	cagtctctggc	960
gtaggtttac	agactctcaa	ggtacgttgg	ccctggtctc	ctgggagaga	ggggtgaggg	1020
atgtccccta	ccaaagcaca	aggtgggatc	aggctgcctc	ctgggtcggg	tgtcggggga	1080
gctgtccggc	agcctggcag	ggagatgcaa	gggctaaagt	aaaattttgt	caagtaaaaa	1140
aaaaa						1145

```
<210> 448
<211> 595
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (40)...(585)
<223> similar to gi3599336 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	448						
agagtgtgtt	ctccaaccac	aattgactca	aatacttgta	agctaaataa	cagacttcta		60
aataatctgc	ggttcaaaga	ggaagtctgt	agggaaattt	aaaaacatac	acagacctaa		120
atgaaaatgc	agcatatcag	aatttgtggg	ataaagctaa	acagtgcaat	acagattatc		180
tgtagcacca	gtgcgtacat	tggaaaacag	gaaaagcttt	cctcaagtgc	ataatctaag		240
ctctaattct	aagaaccaag	agaaaacaaa	caaaggaag	cagaaggaag	gacatttgaa		300
gagcagaaat	caatgacatt	gaaaaacagaa	atcaaacaat	agagaaaatt	aatgaaaact		360
agctggtttt	ttgaaaaaatt	aataaaaactg	gcaattctcta	gcaaggctga	caaaaagaat		420
gtaaaattatc	aataatcagga	atgaaatcgg	atgtccaccac	agaccctgca	gatatcaaaa		480
ggaatactgc	aaacaattct	ataagtttga	cagcttacac	aaatcggatt	aatctcttgc		540
aaaacacaaa	gtaccacaac	tcatccaatg	tcaaatagat	tttgaqttgc	cctat		595



0946678 01-300

<400>	449						
agatca	ggaataaaaat	aaagacttcc	actctgcca	tttctattct	agctggggca		60
cataag	ataatgaaat	aaaactcatg	tagattgaaa	aggaagttgt	aaaactattt		120
nnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnttcta	aggaacacac	acacatcat		180
aactat	tagggctaat	aaacgagttc	agcagagctt	cagggtaaaa	gataaatgta		240
aattgt	ttctatacac	caacaatgta	caatcaaaga	atgaaattaa	ggaacaagt		300
gtacaa	aagcatcaaa	agaatagga	tacttaggaa	tacatttaac	aaaagaagtg		360
acttgt	acactgaaag	aacaaaacat	tattgaaaqa	aat			403

```
<220>
<221> misc_feature
<222> (2)...(1202)
<223> similar to gi4378889 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

277



<210> 452  
 <211> 1046  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (314)...(1039)  
 <223> similar to gi3165522 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 452  
 acgaggagtt tgaaaagtgt gcgaggagact gtaagcggag catggacatt ctgaagcaag 60  
 ccttcgtccg ggggtctcccc acgcccaccg cccgctttga gcaaaggacc ttcagcgtca 120  
 tcaagatctt ccctgacctc agcagcaacg acatgctcct cttcatcgtg aagggcacatca 180  
 acttgcccac acccccagga ctgtcccctg gcgatctgga tgtctttgtt cggtttgact 240  
 tcccctatcc caacgtggaa gaagctcaga aagacaagac cagtgtgatc aagaacacag 300  
 actcccctga gttcaaggag cagttcaaac tctgcatcaa ccgcagccac cgtggcttcc 360  
 gaagggccat ccagaccaag ggcacaaagt tcgaagtggg tcacaagggg gggctgttca 420  
 agactgaccg ggtgctgggg acagcccagc tgaagctgga tgcactggag atagcatgtg 480  
 aggtccggga gatccttgag gtcctggatg gtcgccggcc cacagggggg cgactggagg 540  
 taatgggtccg gattcgggag ccactgacag cccagcagtt ggagatgacg acagagaggt 600  
 ggctggatcat tgaccctgtg ccggcagctg tgcccacaca ggttgctggg cccaaaggga 660  
 agggccctcc tgtgcctgcc cctgcaaggg agtcaggga cagatcagcc cggcccctgc 720  
 atagcctcag tgtgctggcg tttgaccaag agcgtctgga gcggaagatc ctggccctca 780  
 ggcaggcgcg gcggccggtg ccccagaag tggcccagca gtaccaggac atcatgcaac 840  
 gcagccagtg gcagagggca cagctggagc aggggggtgt gggcatccga cgggaatacg 900  
 cagcccagct ggagcggcag ctgcagttct acacggaggc tgcccggcgc ctgggcaccg 960  
 atggcagcag ggatgctgca aaggaggcgc tctataggcg gaatctggta gagagtgagc 1020  
 tgcagcggct ccgcaggtga ggagcc 1046

<210> 453  
 <211> 1413  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (4)...(1412)  
 <223> similar to gi2914017 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 453  
 cgcaggactc ctttacatgt gtccatcatg gccgggaatg aatatgtgtt cagtcagctg 60  
 ctgcagtgca aacagtacgt agggagacac gcacaagtga gaaggcgggt gtgagggggg 120

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<211> 942

<213> Homo sapiens

<221> misc feature

<223> similar to gi2894106 in the genepept database release 114.

Run with FASTXY 3.3t00, default parameters

tgcacccacg	cgtccgggct	ggattaatgg	agcatatttc	ctccccctcc	caatgtccag	60
gtggagtcct	ttgaaagact	gatacaggca	ggacgtctca	tgccccagga	ccaagtcaag	120
ggcttccagc	ggctgaaggc	tgccacgcg	gccctagagg	aggagtacct	gaaggcttgt	180
cgggagcaac	accctgccc	gccgcttgcc	ggctccaagg	ggacgcctgg	aagatttgat	240
cctcgcaggg	agctggaggc	agagatatac	cgtctgggaa	gctgcctgga	agagctgaag	300
gaacacatag	accagaccca	gcaagagcct	gagccgccc	ggtcagactc	agctctggac	360
agcacccacg	cctgcccctg	cctccatcag	ccaacgcacc	tgctgtctcc	ttctggacaa	420
gcccccatgc	cagccatcaa	gacctcctgc	cctgagcctg	ctaccaccac	tgccgcccgc	480
agcactggcc	cctgcccatt	gcacgtaaat	gtggagggtga	gctctggcaa	cagtgagggtg	540
gaggacaggc	cacaggaccc	cctggcccga	ctcaggcaca	aggagctgca	gatggaacaa	600
gtttaccatg	gcctcatgga	gcggtacctc	agtgtgaagt	ctctcccaga	agccatgaga	660
atggagagg	aggaagaagg	agaggaggag	gaggaggaag	aggggggagg	tgactccctg	720
gaagttgatg	gggtggctgc	aactccaggg	aaagcagagg	ccaccagggt	cctcccaagg	780
cagtgcccg	tgcaggctga	gaaaagtc	ggggctcccc	tggagtaagt	cactgagcct	840
ttcctgcaga	atgtttgggt	ccaccctaaa	accacaggga	tgatcactgt	cagaagtgaat	900

aagacagcgc ttcacagttt agacatggct tacctgtcct gc

942

<210> 455  
<211> 726  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (199)...(573)  
<223> similar to gi4185567 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 455  
cccaaaca aa gatggcgcgg gaagcgtctg tgagggcaga ctgatccgag cacccaaacc 60  
ctcggcggac agcggagcca gtggtagccg cacggcccta aaaccatgga ggagggcggc 120  
agcactggca gtgctggcag tgacagcagc accagcggga gtggcggggc gcagcaaagg 180  
gagctggagc gcatggctga ggtcttggtc accgggggaa agctacggct caggctgcac 240  
gaagaaaagg ttattaaaga tagacgtcat catctcaaga cctacccaaa ctgttttgtc 300  
gcaaaagaac tgattgactg gctgattgaa cacaaagagg cttctgacag agagacggca 360  
attaaactca tgcagaaatt agcagaccgg ggcattattc accatgtgtg tgatgagcat 420  
aaggaattca aggatgtcaa actcttctac cgcttttagaa aggatgacgg caccttccca 480  
ttggataatg aagtgaaggc ctttatgaga ggacagaggc tatatgaaaa gtatgttccg 540  
catgaaatcc cccctgtaat cttgacttat agaaagaagc acaactgtgc cagtctcatt 600  
atgttgattt cagcggggct tttctatgtg ggctgggtac ataactgttc ttttccatat 660  
gagaaaacta tcaagcatth gctgtctctt tgccagaaaa taagtcaatt tcataagggt 720  
tttaaa 726

<210> 456  
<211> 1042  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1043)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (80)...(1029)  
<223> similar to gill196433 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 456
tattggggga aaaccctg nactccncc cggaaccta ttggganctg gatcaacaat 60
ttccggtaaa gggtggcggg gatacaaatc caacatacca aaaatccagg taggcatttc 120
ctatatgccc aacagaaaaac aatcctggaa aaagaaatca ggaaaggaat tcccatttcc 180
caattgcccc caaataaaaat aaagtaccct caaaattaac ttaacccaaa gaagagaagg 240
atttctacaa tgaaaactat aaaccactga tgaaagaaat tgaagagggc accaaaaaat 300
ggaaagaaat tccatgttca tacattagaa aaattaatat tgtaaaaatg ttcacactac 360
ctaaagcaat ctacagactc aatgcaatcc ctatcaaaat accaataaca ttcttactg 420
aaatagaaaa aaaaatgctg aaatttatat ggaaccacaa aagaccagc gtagccaaag 480
ttatcctgag caagagaaca aaactggaag aatcacatta cctgacttta aattatacca 540
cagagctata gaaacaaaaa cagcatggta gtggcataaa aacagacaca tagatagtgg 600
gacagaataa agaactcaga gctaaatcca tatagctaca gtgaactcat tttcgacaaa 660
agtgccaaaga acacacattg gagaaaggac agtctcttca aaaaaatgat gctagaaaac 720
tggtatattca tatgcagaag aatgaaccta gacctctatc tctcaccata ttaaaaaaat 780
caaatacaaaa tggattaaag acttaaaactt aagacctcaa actatgaaac tactaagaga 840
aaacattggg gaaacactcc agcacactgg antaagtga gatttcttga ttaacacttc 900
acacagcaca agtaaccaa gcaaaaatgg acaaacggga tcatatcaag taaaaagctt 960
ccacacagaa aagaagataa ttaacaaagt gaagagacaa cccatggaat gggagaaaaat 1020
atttgcaaac tcccggacgc gt 1042

```

```

<210> 457
<211> 959
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(962)
<223> similar to gi2047300 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 457
gcctcaccaa gcaggaagac tgctgcggta gcatcggcac tgcctggggc cagagcaagt 60
gccacaagtg tccccagctg cagtacacag gagtgacagaa gccagggcct gtacgtgggg 120
aagtgggcgc tgactgtccc cagggtctaca agaggcttaa cagcaccac tgccaggaca 180
tcaacgagtg cgcaatgccg ggcgtgtgtc gccatggtga ctgcctcaac aaccctggct 240
cctatcgctg tgtctgcccc cctggccata gtttagggcc ctcccgta cagtgcattg 300
cagacaaacc ggaggagaag agcctgtgtt tccgcctggt gagccctgag caccagtgcc 360
agcaccact gaccaccgc ctgaccgcgc agctctgctg ctgcagtgtc ggcaaggcct 420
ggggcgcgcg gtgtcagcgc tgcccaacag atggcaccgc tgcgttcaag gagatctgcc 480
cagctgggaa gggataccac attctcacct cccaccagac gctcaccatt cagggcgaga 540
gtgacttttc ccttttctg caccctgacg ggccaccaa gcccagcag cttccggaga 600
gccctagcca ggctccacca cctgaggaca cagaggaaga gagaggggtg accacggact 660
caccggtgag tgaggagagg tcagtgcagc agagccacc aactgccacc acgactcctg 720
cccggcccta ccccgagctg atctcccgtc cctcgcccc gaccatgcgc tggttcctgc 780
cggacttgcc tccttccgc agcgccgtag agatcgctcc cactcaggtc acagagactg 840
atgagtgccg actgaaccag aacatctgtg gccacggaga gtgcgtgccg ggccccctg 900
actactcctg ccactgcaac cccggctacc ggtcacatcc ccagcaccgc tactgcgtg 959

```



tcagaaacaa	ggcaaagagg	cccaatgttc	tcacatctat	tcaaagttac	attacaggtc	120
tcagccagta	agctaaggaa	agtaaaacaa	attaaaaata	aaaggtttgg	aaaagtataa	180
ataaaactct	gattattttc	ttatgatatg	actacaatga	catccagaaa	taatataata	240
acaagttatc	aaaattaata	aaagtataag	actaaaagtg	attaaatata	gaaaatcctt	300
ttgatataat	tttctactta	ttgctgatgt	atagaaatga	atacttgaaa	gaacaaaaag	360
taatacgata	cctagaaata	catctaacac	aatacatata	ggattttca		408

```

<210> 460
<211> 881
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(269)
<223> similar to gi4589616 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 460						
atatgattaa	aaacaaaagc	aaatactcat	atatcagtgg	ctgaagaagg	aaatgataaa	60
tggctctctc	ttgatttgga	gcagggtgggt	agatgaatgt	caaaaatata	cctcttttga	120
ttctattttc	tccttgaagt	tagataccta	aagtcaccat	gtaatgtttt	aactctcccc	180
ttactccaat	tttgtttttag	tttcatgaat	ctttattgaa	tatttggtgcc	ctgctctaga	240
tagatgggaa	ggttcaattt	ttaataatta	ggtaactagg	aatgcccagc	ttgttaaggg	300
aggtagacgt	ttaacaatta	ctaaccactt	tgggttaaata	aagcagccaa	agactagata	360
agatgtaaat	gcaccaaaga	gaaggaaatt	acttattctc	tctaggaagc	tattaggaat	420
gctttcagag	agtagggtaa	gccagactct	tcttcaagtt	atttgaggag	agtagtaact	480
tagaagttaa	attttgatgt	tgtgccatca	ttaaactctt	gaataagagt	tttctgaatg	540
actgacagag	gttgatggaa	tatttttatt	ttgaagaact	tttattctaa	aagttaggat	600
tagagaagtt	tttgctgttt	ctattcatta	ttcctttttg	catacaaaac	cgctccttgt	660
gggattattc	ttgaagtata	ttcttttaga	tttcttttag	agctggtttt	gaaggtaaatt	720
accatcagtg	tctctagaaa	aatctctctg	gcggggaggga	caatgatcgg	gatataaacc	780
caggcggttcc	aggggggcaac	ggcaaccccc	tttaggtccc	ctgcctttgt	atgggagctc	840
tgttttcact	ctatttcact	ctattaaatc	ttgcaactgc	g		881

```

<210> 461
<211> 582
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (37)...(578)
<223> similar to gi2197085 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```



```

<400> 461
aatTAAGTgt agagaaaatg tatctcgaca caaaaaagaa ccgtgtatga caagctctta      60
gctaacatta ttctcaacag tgaaaagtgg aaagcttttc ctccatgttc agagacaaga      120
caaggatgac cagtctcacc acttcttttc atcgttaaca gtggaattcc taggcagaac      180
aattagccaa gaaaagaaaa gcatcctact cagaaaaaag tgaaattatc tctaattgca      240
gacaacatga tcctgtatac agaaaaccct aaatattcca caaaaaactg ttagaactga      300
tgcatagaatt cgataagggt tcaggataca aaataatcta acaaagatca gaagtgtttc      360
tgtatacaaa taacaaacta cctgaagaaa ttttttttaa aatccaagt atgatagcaa      420
cagaaattaa atacttaggt gttaaatttaa gcaaaaaatt aaaggtcctg tatatgaaaa      480
actataaaac cccaatgaac aaaaatttaa aaacacaagt aaatgaaaaa aaaattcatg      540
cttgtggatg ggatgaatta atattgtgaa aatgaacaaa at                                582

```

```

<210> 462
<211> 418
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (9)...(387)
<223> similar to gil334643 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 462
ttgttggggc tccaggctgg gctccgcctc acgtcccca ggtcggtcag ctccgagact      60
gtggctctcc gagggggcag cacctggcct ggacagggga ggtaaatcct atgacgtcac      120
tgccaacctc cccaccccca tgcccatccc ttcgggttcg cgctgccccg agcggctcag      180
ctcccggggt tctgccttcg ctcccgggcc tgcgtcctgt cccggctctg gttccctgct      240
gaggcctgcg gcgcgacggg gacgcggaag ggaaggagga gggggtcctg cgtcagcctc      300
gagtcagggc ccccggggaag gagaggggtg ctgtgccaga ggatggccct cgtccccggt      360
gccggctccc acccccagcc ccgcagcatg ggggctctag tcacccttgc ggacgaaa      418

```

```

<210> 463
<211> 442
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (135)...(288)
<223> similar to gil655699 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 463
aaggggtgca aataaccaga tatcagaagg aatttctgta aaacgatttc tggaaagatc   60
tgcttgggtg gtgtccgtca ggtagtagcc gctgcccggg aagtctcgga gtttccgacc   120
actgaggctc aggatgccgg agctgcccg ctttccagg gcccggtcca ggctcctcac   180
ggtgtgctga ggctgcaggc tccccgggtt ccacggcggc ccgttgggga acggctgacc   240
gaaaagagtc ggtaccggga tgggaaccac cagggtcccg ccgccgcgc gcctcccccc   300
tccagccccg ccacctcccc ctccagccgt gccacagcca ccgtacttc cacctccacc   360
acaaccgccg cccccactgt taccgcctcc tcctgactc gccgccatgt tcctgggaga   420
gagaatagcc ccgcacacga aa                                     442

```

```

<210> 464
<211> 884
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(885)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (884)...(250)
<223> similar to gi5457357 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 464
atctttgtct ccttctcttc tctccccaca atccttgatg agttgtttctc agacactgct   60
tggcaaattct gaaccttagt cagtcttata agggctcctg tcctccttgg aaggctttgt   120
tattgatata tgccaatgag aaaaaaacac attaacgagt agctgatgga tactaaggga   180
gtattttact gaaaaaaata gaaaactaca tttttacacg aaataaactt atgtctgcaa   240
tactcagcct taaattcacc cctcacttca gaagagggtcc caggggcagg aataacacgc   300
acagattggt tgttcacgac ttccagccgg tccaccagac ctctggccag gtaatactgt   360
acaaagtgct tccacgtgat ttctcttcca ggatctcgaa aatagaggta gaaaaatccc   420
atgggcaacg cctgaccccc aaaaggggcca gactgcggga aatcctcgtc atcccagggg   480
aagtcccccc ttctggcacc cgcctccacc aggcaacggt atcctgcttc cctcctctcc   540
tgctcctgct tcctccagac tcagcattct ctagtccacc agtctctttg ggtgggtttg   600
aacacagcca ccaggaaaat aacgtcgggtc ttgcctgcag agtcagcttc tgaacgtgga   660
tcccctggaa gcaactggaac aggaggccag atgagctttc cttagcttctt cttgaaatgc   720
aacaacgnac atnctcaact tgggcaataa ccaacttgct ggggccttgg cccagggncc   780
cctccggggg ttggtnttgg gccgncccc tgccggcctc cttngggcca accaaaaaat   840
cgggccnaaa aggnaaaggc caagggggggc ctggggcnaaa cccc                         884

```

<210> 465  
 <211> 597  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (73)...(450)  
 <223> similar to gi3875538 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 465  
 acatttcgtg tgcgtttgaa ggttggcggg gcggcgtttg gttttcccgg atatgtgggt 60  
 gtgcgcctcc cgggtggggc gggcggggag gggaggagga ggaaggggga ggttactggg 120  
 ggtggcggcg gcggcggcgg cccgggctcc ggctgtcggg gaagctgctg agctgtgatg 180  
 gtgatgacga ggtgaaaatg gcggatcttt cgaaatacaa tcccggcccc tgacatacca 240  
 gaggcggcgg cgacggcgac gtcgccaccc cggctccctt ctcggtcccc gggtagccctg 300  
 gagcgctcca gtttgacaaa actgggaaaag gaagctgctg gccagagcta tcgtgcacgg 360  
 gcaaaacaag ccccgcgggg gtcggggatt gccaggacc ttccggagcc cctacctcgg 420  
 agcccagagg aggagaaagc ggcagccgct ggagtgcctg atcaactttc tagcgggaga 480  
 acgatcatgg aggtggtgcc agctgagggtg aatagtttgc ttccagagga aataatggac 540  
 actggtataa ctttagtgga tgatgatagt attgaggctg ttattgtttc atcccccc 597

<210> 466  
 <211> 421  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (12)...(417)  
 <223> similar to gi903758 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 466  
 cggtggcatt cgccttccac ctccctggatg tggcagataa cgcccttcag aactagagg 60  
 aaacagcttt cccttctcca gacaaactgg tcaccttgag gctgtctggc taccacctaa 120  
 cctgtgactg ccgcctctc tggctgctcc ggctccggcg ccacctggac tttggcatgt 180  
 cccccctgct ctgtgtctggc ccccatcatg tccaggggaa gagcctgaag gagttttcag 240  
 acatcctgcc tccagggcac ttcacctgca aaccagccct gatccgaaag tcggggcctc 300  
 gatgggtcat tgcagaggag ggcgggcatg cggttttctc ctgctctgga gatggagacc 360  
 cagccccac tgtctcctgg atgaggcctc atggggcttg gctgggcagg gctggacgaa 420  
 a 421

<210> 467  
 <211> 1834  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1316)...(1723)  
 <223> similar to gi577019 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 467

cctactctga	tgccattatc	ttgagatgtc	ttagatatga	ataaaaagtc	attccactca	60
ttatgagaac	tgtctttaga	agaaaattat	actgaattat	accataggaa	tatctctagg	120
ttttgaaaat	catataccca	gagatgattc	cataaataag	gaatcaggca	aaaaacccaa	180
ggaattcatt	ggtgagagga	gagtgttagg	gatctcattc	ccctgcaact	actggctgac	240
cccaaccctg	cattgcaaaa	cacttggccc	cctctgacct	caaaaagcat	ttggtgcttc	300
ctcattaagc	tctattttatt	gtctttacta	ttcacccatc	tgcctcagtc	tgggccaat	360
ctattgcca	atcttcaatt	ggttgcgact	tttttgtctc	ttcccgattc	tggcattcca	420
gaggggtcaat	aggttccttc	tccacgtgct	tttgagggaa	atgccccccc	ccaaaaaact	480
tttcacacca	ccttgaacag	actctaaact	taggcactac	agttactaag	cagcctttgg	540
attctttgtt	tttgaagtta	gatcttttca	gctattagt	gaaaatgtgc	ctcactctac	600
tccaggatta	ccaatagaaa	tgaaggaca	gaaatggcat	tagtgtttag	agaagattat	660
gtatatatgg	ctgtgtgaac	actgaaaatt	atgaggggtca	acataaaaatc	agcattacag	720
gtactaaaac	ataaatcctg	atggcttttca	ccgttttctt	aagagcaaaa	ttgcaaaaag	780
tgatattaac	agtcaccta	gacgaatatg	agcaaatgat	ttgtttttcc	ttaaaagagc	840
ctccaagtgt	attgtgatca	ttttcacact	gatcaaagag	agcacccttc	tgtcaacagg	900
tatctgcagt	tttcaggacc	tggcagaaat	tcttctatgt	tctgccttta	aaggtcaggt	960
acaaaagcag	agacagctgc	caggccccctc	tgcccagagc	taagtgtctg	ggaccatgag	1020
tgggaaggac	aggcttgagc	ctccttggtc	ctccagacag	catggggcgc	tacttgcccc	1080
ttctgcagct	gcgcgcggca	aagctgtggc	ctggccgtgg	cctcctgccc	catgcaacag	1140
ttggtggaca	gaccgtacct	ggcacacggc	gccttgtgca	ctttccaaca	ttttgatgct	1200
aaccgtcgct	agtcactgag	ccctgacatt	tgatctctgg	ccttgaccgc	agatttcgga	1260
aacttctggc	agcccagtg	ctactggaag	gcccagccg	cttgccagaa	agctgcgccc	1320
cgcccaaaag	cactgggttc	tgcagtccag	gggccttcct	cagctcccag	gtccaggaga	1380
actgcaacgg	tcacctactt	ccacaggaag	cactgggtcc	gcatccggcc	cctccgcacc	1440
actcctccca	gctgggacta	caccgcgcatc	tgcattccaga	gagagatggt	ccccgcccgc	1500
atccgcgtcc	tgagagagat	ggtccccgag	gcctggaggt	gctttcccaa	caggctgccg	1560
ctgctgagca	acatcaggcc	tgatattctcc	aaggctcccc	tggcctacgt	gaagcgggtg	1620
ctttggaccg	cccgccaccc	ccacagcctg	tccgcagcct	ggtgaccgtg	aaaatcgccc	1680
cgccagagag	cagaggaagc	ccgacgcccc	ggccatctgc	cttcaggtct	gtgatgagaa	1740
acggagtggc	ctgttccggt	gtgcccaggt	ctaggccgct	gagcagagcc	ctcactccca	1800
ggcagagttg	tctgaatcct	tccctggcggc	cgct			1834

<210> 468  
 <211> 909  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (7)...(885)  
 <223> similar to gi2981631 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 468  
 ctaattgaca ttacacagtat acttcattca acagagtaca tattcttctc aagctcacag 60  
 gaaacatcca ccaagataga ctacatactt ggccttaaga tacaccttac aaatttcaaa 120  
 gaatacaaac catataaagt gtgctctcag aggaaattaa acaaaatcaa aaacagaaac 180  
 gtagatggga aatctcaaaa taactggaga ttaaacaataa cacttctaga taccagatgg 240  
 gtcaaagaag aagtctgaac agaaatttta aaatgttttg aactaaataa aaatgaaaat 300  
 acaatgtatc aaaatttata ggaagcagtg aaagtagtgg ttggagataa attataatat 360  
 tgaatgccta tattagaaga gattaaaaag atttaaaatt cataatctaa gtttccatct 420  
 taggaaacta gagaagaaag atcagtgtaa gcctaaagca agcaaaaagga tagaaataaa 480  
 aattatagta gaaatcaata aaatagaaaa caagaaacca atagaaaaat tcagtgaagt 540  
 aaaaatgtgc taatttgtgc agcagcaata gaaaaaagaa ataaaaacag tactttcaca 600  
 ggtagcagtaa atgtataaac ctctagctaa gctaactaag aaaaaaaac acagattgct 660  
 gataacagaa atgagaaagg ggtcatcact actgatccca aggacattaa aaagataaca 720  
 aaagaatatt atgagcaact ctgtacccac agatttgaca gcttaggtga aacagatcaa 780  
 tttcttgaaa gacacaaaca accaaaactc acacagggaa aagagatgat ctgaataggc 840  
 ctatatctat tatggaaatt gataaattat ggaagtcaat aaacaacctt gcaaacaaga 900  
 aaaaaaaaaa 909

<210> 469  
 <211> 564  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (161)...(449)  
 <223> similar to gi5734709 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 469  
 agcccactgc taaatctgtt ttctgacaga tgggttttgg ggagtcgcct gctggcacta 60  
 acatggagga aaggggactc ccattggccc ttcccttttc tcctaacagt ccctttgggtc 120  
 tggctctgtcc tgggctgtct gtgtgtgtgc cattctctgg acttcagagc ccctgagcc 180  
 agtcctccct tcccagcctc cctttgggcc tccctaactc cactaggtc gccagggacc 240  
 ggagtcagct ggttcaaggc catcgggagc tctgcctcca agtctaccct tcccttcccg 300  
 gactccctcc tgtccctcc tttcctccct ccttccttcc actctccttc cttttgcttc 360  
 cctgcccttt cccctcctc aggttcttcc ctcccttctca ctgggtttttc caccttcctc 420  
 cttcccttct tccctggctc ctaggctgtg atatataatt ttgtattatc tctttcttct 480  
 tcttggtgtg atcatcttga attactgtgg gatgtaagtt tcaaaatttt caaataaagc 540  
 ctttgcaaga taaaaaaaaa aaaa 564

<210> 470  
 <211> 606  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (17)...(583)  
 <223> similar to gil326298 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 470  
 ccccagcatt agaaaacatg gcacccaccc gtttccaccc acctagagca gcccctcggg 60  
 ctccctgtagg ccactgtata gcgcatagcc aatgtcgtca atctcctcct cacgcaagct 120  
 gctgaagagg ttcacgctgg ggttgaagtg gcagggcagg ctggcctgct ccaggctgcc 180  
 gatgagcagc tccagggctt gcaggaagcg ctacccaag gcctcctccg tccaatccac 240  
 gttgtcctcc cccagacgca ggaccacctg ggtcagggtga ccccgcccta gctgccccag 300  
 agccgagcaa ccacggcaga cagcacacag cagcagcagc agccgccggc gagtcccagc 360  
 gtcattggtcg tccagggctc gcagcctagc agcctccact ggatacaggc cctgcagcca 420  
 gaggttcccc gccagcccct ccagggggcca ggccaagagg aggcgggtcgt cagcatcgac 480  
 cccagggact gccacaagca cagccacagt gagctccagg cgttcgtgct gcacctcgag 540  
 cagcagctcc tccgaggcca tgctggggccg gatcaggcac ccgagaaggc tgcccggacg 600  
 cgtggg 606

<210> 471  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (66)...(369)  
 <223> similar to gi2981631 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 471  
 aagagccaca gtggatccag gccctgatgc ctgagaagga gccagctagg cagagccggg 60  
 gaggagcact ccagacagac agcaatgaac catccaaaaa tgaagtgaag aagacaatct 120  
 catttataat attggcaaaa agaacatacc tagaaataaa tgcaacaaaa gatgcataaa 180  
 acttgtgtac tgaaaaatac aaaatatattt tgaaaggaat caaagagtat cgaattaaat 240  
 ggaaagatat cctgcagtca tggatcagga gacataatgt taagatggcc aaactcccga 300  
 attcatctat agcttcacaa tctctatcaa aatcccatct gtcttttttac aagctgatcc 360  
 tcaaattcat aaggaaatac aagggtttca gaat 394

<210> 472  
 <211> 1102  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (203)...(1067)  
 <223> similar to gi2981221 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 472  
 acctttgtca gaaaagatca gggagattaa aacaagaagt gctatgtatc aaaaacacga 60  
 attgtttagaa aacaagccat gtggttaata aaaacaaaga cctaggtaca aaccacaga 120  
 ggctttataa acaacgtacg gggaaaaaagc aaaacaaggt gtggttatta caacaccggt 180  
 ttgatttaca aaaaggaagc ttcaattacc aaacgggcggt gtagttaaaa caagcccttg 240  
 gggtaacccc caccactgcg gcgctcattc tccagggtaca actccagcaa cagcagggtcc 300  
 acagaggcac catccccac cacacgcacc gctcgggcct ggggaacccg ggccagggac 360  
 accaagggtcc cctccaggcc cagattctgg gcctgctcct ccaggacacg gacatctgcc 420  
 tcagaaagggt gcttgggcaa ctggaccaga gcccgggtctg gccgggggct ggccaaggca 480  
 cagcaaggct gtactgggag ccccgaggcc cgcagcaagg cctggacatg ctgctccaag 540  
 cgctggggcg tgggtgccag gggcagtcct tggagcagca ggcgtgcagg ggctcgtggt 600  
 ggagctggcc gcaggctcag ctgggcacca tgtagttcgt gatctgcctg ggccaagacc 660  
 ctctcggcgt ctgcaggctc tctgaagggtg aggacgcccc cacagcccag tctctgccag 720  
 ctcaacacag gtccccctcc agagcgtcgg cggttttcaa agtagagagt gagcagctcg 780  
 tcgggacagg cagggggcag tccacggacc tccactgccca cccctgcctc tgcctccgcc 840  
 attgcaacca ttccccgtgg ccgctaggca gcctcaggcc atgagctcag ccaggactcc 900  
 tgtgcctgcc cctcagcaag cctaaccctcc actggcaggc accggcagcc gatccaggcc 960  
 cgatcccccc accccggagc caggggcccgt tgggccctgt tgttgggctc gcgggggtgg 1020  
 gggggctcgg gcctttgttg gtcacagatg gcccggggat ttcttgggaa tagaaatagc 1080  
 cgccggcacg aaatcgtcga ct 1102

<210> 473  
 <211> 1946  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1906)...(0)  
 <223> similar to gi3242649 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 473
tttttttttt ttgagatata aaaatctgta tttatattac aatgacataa ggacacagca      60
cgccccacac ggtggacagg tggccggggg cccctttccc cctctagcgc acgccccctt      120
caccggcacc taggcccctc gtgtggcccc ccgacttctg gcacggaacc tgccttagtg      180
cccaacatgg acctggggcc accctgctgg ccgaggggtca gggtcctctg tgcaggcagt      240
ggggaggggg tcccagggttc cctgacagag ggaggcaggg cacgggggag cctgcctcac      300
ccagcggaca gcacggggcg gggcagacag agcagggacc ctaggggccac agaccggtac      360
agggttcctc caccggggga cacaggccca agccccgttg ccactaagat ggggtctgca      420
gaggcaaagc cttgctgcag cctctcccac tctgcgagga tggcgggggt ctgctatgtg      480
gtttgcaggg gttatcctgg tatgcgggag ctgccttcca ataaggctgg ggaacccaag      540
cctgagtctg ggtgctcagt ggccgagagc actgggtgtg gctgggaggg cacacgcaga      600
ggctcaggag ccccgggctc tgttctgctt ctgtctgctc tctatagaca cgggtgatggc      660
ctcttggtcc ctgacgcctc cagtgatggc agcctggggc cctgacaggg agcagtggga      720
ggttgaggca tgtggtgact cctagcaccg gccccaccc agtgggcaac ccctcaccca      780
cctgctgatg gcaggggagg gcagctgaac agcaccctgg gtggctgaga ctgcctccca      840
gtccacgtgg gaaccacggc ctcaagagcc acaggctgag ctgccgggag ggtgggctga      900
ggggccacca ctggtcaccg ggtggattct gctggtcaga gatgagagca gaagccccta      960
gctgcctcag gcactggagg gtggggcagg gagctggtgc ttcaagaatt gagggcaggg     1020
acacgaccac ctcaggggcc tgcagtgtct gctggggaag caagctttta cacacggccc     1080
gccttgctcg gaggtgccac ggtgtttgaa atgaagcctg gggggacaga ctcaggcagg     1140
caggggaagc tcctttctgg gcacccctgg accccagtgg ggccggaagg agatgcagac     1200
aggcctcctc acaaccaccc gcaacgcgtt cggtatgccc tcagctccag gcaccatgcc     1260
ccctacagcc tgcagggcag gttctgtgcc agagtgttt ccagggacct ccttccgcca     1320
cagtgggccc cccatcctgg ggcgtctatg cgtacgactg aaaatagaca cgaattttcc     1380
ccatgatatg ggaattggct acagatgtac cagaggcacg gcaggcactg ctatgggcca     1440
gccccaaagg cagaggacgt caggaaggaa aggcgggtgc aagcctcctg gtgccaggcc     1500
tgcaccaccc agcgagcaca gtcttcattg gctgccagtg tctgaaacct ggaaccctcg     1560
cctaggccag gaagcagggg gctcgagtca ggtgacaggt gagaatccat ctctctagtg     1620
agcaagcagc cccctgccag ccaactggga gggcaacact ggggaccagg tcatagcccc     1680
tccgtgccac ccacaggggc ctggctgcat cgcctccagg aagccctggc tgccgggagg     1740
ggctgcccac aggagatggg aggacagcac tagctgggca ggccctgggg accctgagcc     1800
acgagggaca tgctggtggg aagggcaagg cctgacacaa gacacaaggc acactttgac     1860
gacgtgacgg agggacaggt ccctgagacg cctgggtggc tcccacccct cagcaaacaa     1920
ggacgcaaca acagctagga aaatag                                     1946

```

```

<210> 474
<211> 839
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (117)...(839)
<223> similar to gi2388986 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 474
tccccagaga tagccctggg atccagggtga ttcgagatgg gctataggaa ccaaggcctc      60
ccccagcgtg aaattaccag gtgtgagcgg cgccacccca ctgtggggag gcgggtccca      120

```







<210> 477  
 <211> 1603  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (567)...(1603)  
 <223> similar to gi2388555 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 477  
 tgtcagcagc tatcaccaca aagacagccg ctctcagggt ttgccaagaa ctcaagagtg 60  
 tgccaggccg gagctgaggc ccctcctgtg ccccagggcc ctgtggccgg tcacacggct 120  
 cagctacaga tgcccgtggc aggcgccgaa agcaggcatc ggaacgaagg ccaagccgtc 180  
 ggagtctcac ctaaaattgc atcctggatg gccctctctg gatcgtcaag gtgaaccagc 240  
 aactctcggg acagggtactg gacactgctc tgatagtagg attttgcgtt ggcacccttg 300  
 acacactgca gccagggtgac caagggtggag gcggtgcca tcctcacatc gttggacacg 360  
 tcatctaggc gttttaagag ttcaggataa atcttgatga gtttctctgg atccgtcatg 420  
 ccgcccaggg tttttaagaa cgtgttgata atacggcatg agatcagtcg cgtcatcttc 480  
 gaatcctcct ccagggtggg caggacctgg ggcatcagtg tttcctgcac gtcccgtatc 540  
 tgctctgccg acaggacctc gctgctgggt agcgcccaga ggcaggacac ggcagccgtg 600  
 cggtatggccg cggtctgtcct ccccgcatgc cactgcagat tgggggccag gatgtccttt 660  
 gtcaccgtct cgaggtagct gggaaactgc ccctgggagt tgatgggtgc cgtgggtctg 720  
 agcagcacgg tggagcaggat ggagaacagc ttcaggcgca tctgcgggtc ttgggagggc 780  
 tgacagacgg ccctcagcgt gggcacgacg tgtggcaggg ctctctccag ggcagggcct 840  
 gactgtgcga cgatgacact gaactgcagg agctccggcg agtgtgcggg ccagtcaagg 900  
 tgcgacgcgg tcacccgctc caggagggga ccaatgtgct tgcggtagag gtcctggcag 960  
 ctgctgacac cctccaccat ggccagttag tccatcgtct cctgtgcctt gtccctcagg 1020  
 ccggtagcac ctgcgagggc cactattgtc agcagcacgt ccaagagctg caggctggcc 1080  
 acgccacagt cctcatgaca cacagacacc agagcctgca cacacagcag caggcgctcc 1140  
 aggtagaggt cgttttcaga tgccctggcag atgtgggcct gtgccagctc tgtggcgatg 1200  
 gctgccagggt gcggtgagag ggcttctcgg gggcaacccc gcatggcgga ggccagcacc 1260  
 aggaggccgg aggcagaggg cgtcttcttc agcgtcgata agatcagctt cagaaacacc 1320  
 tcagggtctga caaacgtccc gacgagctct gcggtatctg tacaactttg gaccacggct 1380  
 gcctcctcgt cggtgcaggc ctggaacagg gtccggagga cgacctccag gtgctgcgtg 1440  
 gcgtggctct cggtatgcag cagcagcact gggagcagct gtgccgactt cactcggtgc 1500  
 cccaccaccc agtcggtgat gtcgtggcac agggcaggga ggatctggag aggttcctga 1560  
 agacgagctc ccggcagccc gaattccacc aactgcact gtg 1603

<210> 478  
 <211> 967  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (952)...(31)  
 <223> similar to gi3873550 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 478  
 cgccgcctt gggagcgagc ggaggagcaa ggcgcggaga tgatgacttt gaccagtttg 60  
 ataagcctgg cgcggaacgg tcgtggagaa gaagagctgc tgatgaggac tgggacagtg 120  
 aacttgaaga tgatttactt ggagaagatt tgctatctgg caaaaagaat cagtcggatt 180  
 tgtcagatga agagctaaat gatgatcttt tgcagagtga taatgaagat gaagaaaatt 240  
 tcagttctca ggggtgttaca attagtctga atgctacatc tggcatgggtt acatcatttg 300  
 aactctctga caacactaac gaccaatctg gagaacagga atctgagtat gaacaagaac 360  
 aaggagagga tgaactgggt tatcacaaat ctgatggatc agaattgtat actcaagagt 420  
 acccagaaga aggacagtat gaaggccacg aagctgagtt gacagaagac caaatagaat 480  
 atgtggaaga gccagaggag gagcagcttt aactgatga agtggttagac atcgagatca 540  
 atgaaccttt agatgaattt acaggaggta tggaaacatt ggaacttcaa aaggacatcc 600  
 aaagaagaat cagatgaaga agaagaagat gatgaagaat ctggacgatt acgttttcaa 660  
 actgaaagga aagaaggaac aattattagg ctctcagatg taactagaga gagaaggaac 720  
 attccagaaa ctttgggtaa cttttttgcc tgtctcccat cctcctttac tctcatttca 780  
 acttcctcca tagtattgct gtaattaatc aaagtaggca aagaagggtg actaggtaat 840  
 tgcggctgcc gtccggagag tggccggact ttggagttag tgctgtttat ggtactgtaa 900  
 aactcattct ttaaaatcat tgctgtttat ggatttaaaa tgcttgaata aaatgtttta 960  
 gataatt 967

<210> 479  
 <211> 783  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (14)...(743)  
 <223> similar to gi59968 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 479  
 aagctctggg tgagctccag gaggtgccgc cgcagcaggg cgctctgcac atctgacggc 60  
 cgcttcttct gcaacccctg caggggagag agggccaggc ccttgctgcy cttcacacca 120  
 caccaggctc cctgcgtccc cagcccctgc ccacaaacc atataccttg agcagccgtt 180  
 tgagcagcgc cttgtcgcgg tggaggtggg ccgtgtaagc ggtgtagagg cctggcgagg 240  
 gggcacagct ggcgccccac cttcaagggt cctccctccc acactcctgc agccccacag 300  
 aggagccagg gtgggggttt catctgcctg cagccccatg cccttggtctg cacctgaaaa 360  
 tctcaccac ccacccccca gacaccgaga cccactgaag agaagagagc gaccctccc 420  
 caagggttct gagctctgct gctgagtcct ggaagaggat caggggtctg ggggcctggc 480  
 tgccccaccc gagagacccg ccaggtacaa gacaggcctc tccacggtgg aggggctcca 540  
 ggtcgagggg agcacagacc tggcttggtg tccagggtct tcaaccttga aggccttttc 600  
 agcttgactt gcttaggcag gtctcctacg agacacgccc ggtggccagg cctcagtgcc 660

cgagctctg	gccatcccca	cggtcttga	ggcgcccca	caactcaacga	ggcttttgag	720
cagaccccc	tgcacctcac	cggtgagctg	acctgacatc	ttgggtctccc	cgactcggag	780
gcc						783

```

<210> 480
<211> 449
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(366)
<223> similar to gi4079809 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 480						
tcgttcttg	attgtgattg	atgagaaagt	gtatgatata	aaggacttcc	agacacagtc	60
gttaacagga	aatagtattc	ttgctcagtt	tgcaggggaa	aacccagtgg	tagctttgga	120
agctgctttc	gagtttgaag	tcacccggga	atccatgcac	gcattttgtg	ttggccaata	180
tttgagagatt	gatgatgaag	tttatttttc	cagcctgacc	aagaagtgtg	caccatacca	240
gatccgggaa	gtctctcttc	acctctgata	gacacagaga	ggaatctggg	cctgcttctc	300
ggattacaca	cttcctatct	agcaatgagc	acaccgctgt	ctcctgtcga	gattgaatgt	360
gccagtaaga	aaatctttgc	tttttgctga	ttagcagatt	attttttttg	aactgtaagt	420
gccattaaga	gtgggagagg	gccaggccg				449

```

<210> 481
<211> 1033
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (148)...(1033)
<223> similar to gi3877563 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 481						
tttttttttt	ttacttttga	acgtttttta	taagaaaagt	tttaaacaa	ttatttttgg	60
caaaaacagg	tagggcaacc	accacccac	agccctgaag	tggaatagga	agacttggaa	120
aagcacacga	agagggcagg	gacatgaggg	tgtccatctt	gtagcagctt	ctgaggaaag	180
agctcagtcc	caatggcaag	tttcaagtcc	acggggttga	aacagccagg	gatgccctcc	240
cagccccctg	tgggtgcctg	atccaggggc	gtgaagctgt	gcacgtgcct	ccaacttgag	300
tccggccagg	gggccccccc	agcccgggcc	acgcgccggg	ctcagctcca	tgggctaggg	360

```

gccagggcgg gccaggggct ccgggggaagg agggcgggggg cccgggggcat gctcggcttg 420
ggcgagagct gtcaccccgg ctacagaaca gctccaccag gcggggcgaaa gagtccggagg 480
acaggcgggac cagcttgctg cgcagggcggg ggtccgaggc cagcttctgg ttaatgactt 540
ctgcctcctc ctccagcagg gccaccagcc tccgcagtat ggcttccttc tctgtcgatg 600
ggggaccctg taattctggg ctggggcgagg atttcagctg ctcttggacc agctgttcca 660
gccgctgggc caccaaagca tagaagtctg gagtagctgg gccaggctct aaaccatagc 720
aggggcgggat gggcagagag caaggccgag gggactcaga gggggctgct cctcgcccca 780
gggagcaggg aagacatctt cgaaggcggc tcaggaagtc tgttggctct tcttgggcag 840
ggcttctagg tggagttgga acaggagacc cggcagcctc accacgccta aggaaggcag 900
ctaggacctt cagcgtgtct tcccggagcc ccagctcttc agagcctgcc atggaggcac 960
ctggtcgggg gccccaccgc cgcctcctcc actcaacttg cgtctcctc cactgaacga 1020
attccaccac acg 1033

```

```

<210> 482
<211> 1054
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (34)...(834)
<223> similar to gil209103 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 482
gtgcgggtgga attccctggt gctctgggat ggtccttctc ttaggccctg aggggtgacc 60
tcggggccat tcccaggatg ggccttcctc actggtaccc caccctctc ccgccaggca 120
tggccgcctt tgccaccgcc cacctcctct acgtctgggc cttcggcttc tctcccctgc 180
agcccggcct gctgctgctc atcatcctgg cccctggccc ctacctcagc cttgtgctcc 240
agcacctcga gccggatatg gtcctgccgg tggcagccta tgggctgac ctgatggcca 300
tgctgtggcg cggcctggcc cagggcgggg gtgccggctg gggcgcgctg ctcttcacgc 360
tctctgatgg cgtgctggcc tgggacacct tcgccagcc cctgccccat gcccgctgg 420
tgatcatgac cacctactat gctgccagc tcctcatcac actgtcagcc ctgaggagcc 480
cggtgcccaa gactgactga ctagggagct tgaaggggcg gtgttcaggc cctctcctcc 540
tgcaaggacc tgggcctccc agcccagccc agcctgagaa ataccctcag cagcgaagct 600
tcctgacgcc tgtctgcagg cgccgctgcc gccgtcgctt ctggctgaag acgtttgagg 660
acgatttgcg gaattccaag tccactactg gggtccagct gccttcccc gggtctgact 720
ccagatccct ggctcctcag ccaggccac atggagccct ccagccacc agcctgcctc 780
catgttcaact gtcggcccca cagcctgccc gcccctgct gctgctctga atccgttttc 840
cctgtgggtg tggaaaccgta gatgttgctg ttaccgtagg agaggcctcg gggaggggtca 900
tcatttgtgat aaaccatcgc ggtaaatagc agcagaaggt tctttgtcgc tccccatgga 960
ccaggcctgg tgcccagtg gaccctccat ggccctctgg tggggggccc cggggggata 1020
aagtgaggat tgtgcagaac tgaaaaaaaa aaaa 1054

```

```

<210> 483
<211> 557

```

**09687-01**

<400>	484						
aacggcagag	cctgactccc	catctcccgt	gctccagggc	gaggagtcct	cagagagggg		60
gagcctgcc	gagtccttgg	aactgagctc	ccctaggtcc	cccgagactg	actgggggcg		120
gcctcctgga	ggcgacaaag	acctcgccag	ccctcactta	ggtcttgggt	ctccgagggg		180
ctcccgggct	tccagccctg	agggtcgcca	cctcccttcc	ccacagctag	gaaccaaggc		240
cccgggtggc	cggccccgga	tgagtgccca	ggagcagctg	gagcggatgc	gcagaaacca		300
ggaatgtgga	cggcccttcc	ctcgcccgac	ctccccccgg	cttctcaccc	tgggaaggac		360
actgtcccca	gccagacgcc	agcctgacgt	ggagcaaagg	cctgtcgtag	gacactcggg		420
agcccgaaaa	tggtcagaa	gctctgggtc	ctggagtagt	ccaaggaaca	ccacccttta		480
cttgccgact	tccgaaggtc	accgggagcg	ggtttctcagc	ctctcccaag	ccctggctac		540

tgaggcgtcg	cagtggcaca	gaatgatgac	aggtggaaat	ttggactccc	agggagaccc	600
tcttccccgt	gtgccgctgc	ctccttcgga	ccccacgcgc	caggagaccc	ctccccccag	660
atctcccccg	gtggctaatt	cgggttccac	ggggttctct	cgccgaggga	gtgggcgtgg	720
aggaggtccc	acccccctgg	ggcccgcgtg	ggatgccggg	atcgcccctc	cggtcctgcc	780
acaagacgag	ggggcatggc	ctctgcgagt	cactctgcta	caatccagct	tctaataccgc	840
ccaaaagcgg	cagccaatcg	gagcgcgagg	acgtgggtctg	gaggtaccgc	cgagatctg	900
ggaccactca	gggcatcagg	gggcgtgggtc	tgggtcccat	tgcggggccc	ggaggggaat	960
ggtttctatg	gccaaaagtt	tggttttctc	aacactgtct	aaatttggat	taaaactttt	1020
gaacttttaa	aaaaaaaaaa					1040

<210> 485  
 <211> 1145  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (247)...(813)  
 <223> similar to gi533088 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 485						
cccacgcgtc	cgctgctgca	cagacaccag	gacttagaaa	agctgctggc	agcccaggaa	60
gagaagttdg	cccaaatgca	aaagacagag	atggaacagg	agctcctgct	gcagccacag	120
gagctgaagc	ccgggagagc	tggcagctcg	ctgacatcct	ttcagtggag	gccctctgga	180
caccaggggc	taggagcaca	gctggctgag	acgagggacc	cccaggatgc	aaagggtagc	240
cccaccatgg	aggggtcttt	ggagttcaag	cagcacctgc	tgcttggcgg	gaggcagcct	300
agctcgagct	cctgggacag	ctgccgcggg	accttgcagg	gcagctctct	gagcctgttc	360
ctggatgaga	ggatggcagc	ggagaaaagta	gcttccatag	ccctccttga	cctcacggga	420
gcccgggtgtg	agaggctgcg	gggccgccac	ggcaggaaac	acacattctc	cttaaggctg	480
accagtgggg	cagagatcct	gtttgcagca	ccgtccgaag	agcaagctga	gagctgggtg	540
cgagccctgg	gcagcactgc	agcccagagt	ctgagcccaa	aactcaaagc	caaacctgtc	600
agctctctga	atgagtgcac	gaccaaggat	gcccggcctg	gatgtctact	caggtctgat	660
ccctgagggtg	aacccccagt	caacaccaaa	cttcaggggc	acaagcgagg	acacatctaa	720
gggaccagaa	taagactcag	ctacaggcaa	aagggtcctc	tcccgtggct	gcttcaaccc	780
agttccccag	gcccagcttc	tggaatagac	agttccttct	ggttagatgg	gtcctaccat	840
gtggcaggaa	acagccattg	cctggcctcc	ccctgcattc	ctgtctgggt	gaagaggaga	900
cgtgttacgg	cagagcaggt	gggcaaggcc	agggctaccc	caggcccatg	tggcctcctc	960
cttgcttgga	aggggtgact	ctgagcacag	gtagacgcag	acgtgtgcag	agaatgtgct	1020
cttcggagga	agaacactga	tgagcgagct	ctgtaccagc	ccttgtcatg	tacagccaag	1080
agcctagaat	gacatggccc	ttctcagcag	taataacaga	tggtctcagc	gcctcaaaaa	1140
aaaaa						1145

<210> 486  
 <211> 694  
 <212> DNA



001210"52403460

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (6)...(687)

<223> similar to gi2072948 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 486

tcgtaaaaac	tcacttcacc	tgtaaagacg	cataaagact	gaaagtgaag	gaatagtaaa	60
atatattttca	tgcaaatgaa	aaacaaaaaac	aagcacgagt	agctatagtt	gtatcaggta	120
aaatagactt	taagaatggt	aaaaacaaca	aacaacaacg	aagatgatca	ttatataatg	180
acaaagagat	gaattcagca	agaggatata	ccagttctaa	atatatatgc	atatgcgtca	240
ctggtgcaca	gagatatata	aaggaaatat	tatttgacct	aaaggggtgag	atagactcca	300
acacaataat	ggttggggac	ctcaaccatt	gtcagcatcg	gacagatcat	gtagacagaa	360
aataaacatt	ggattgaaac	tgcgcttttag	accaaattgg	cctaacagac	atttacagaa	420
cattttatct	aacagctgga	gaatgcacat	tctttttatc	agcacatgta	acattctcca	480
ggatagacca	tgtgttaggc	cataaaacaa	gtctcaacaa	aatttttaaaa	atagaaatta	540
tatcaagtat	cttcttagac	cacaaaggaa	aaaactagaa	ttcaataaca	agaacaactt	600
tggaagctgt	acaaatacat	ggaaagttaa	caaatgctc	atgaccaact	attgggtcag	660
tgaagaaatt	atgaaggaaa	taaaaaaaaa	aaaa			694

<210> 487

<211> 663

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(559)

<223> similar to gi600118 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 487

cccagccct	ggaccagggt	actgaccacc	tctccgcccc	cggccccggg	gtcctgacca	60
cctctccgcc	cccgcccccg	gggtcctgac	cacctctccg	tccccggccc	cgggttcctg	120
accacctctc	cgcccccggc	cccggggtcc	tgaccacctt	tccgtcccca	acccccgggt	180
cctgaccacc	tctctgcccc	cggccccagg	gtcctgcagg	cagggctgga	ggtggagcgg	240
ctccgactgc	ggaattttcta	tcaccactac	cactccaaga	ggggcatgtg	gagcgtccgc	300
agcaggaagg	gctctgcac	gggggcgtct	tgaggacggg	cagccccctc	cagccccggt	360
gggagtcccg	aggcagctgc	tgggggctgg	gctttgagct	cgggtcccag	agaccgggca	420
gggctggtca	gaggggcaca	gccaccgect	gtgcctgccc	ctctctggcc	cactgggcgt	480
cgtgccccctc	cccggagagg	cagccttcac	ggcgggtcag	ggcctggcct	tgggtccccac	540
tctgcgatga	tttctgtgaa	atthttgtgt	agcgatgaca	ttgttttcag	aatttccaag	600
agttctgtct	gttctgtttt	ttattcagaa	tgaaatgaaa	tatttttttt	agttctgaaa	660
aaa						663

<210> 488  
 <211> 575  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (30)...(575)  
 <223> similar to gi4240247 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 488  
 cccgggtcga cccacgcgtc cgagtggaa acatgactgt ctacgagaaa gatttcatcc 60  
 caagcagttt ctattacaag aaaggagggg ttgtctctcc tttgacttta gtggctgacg 120  
 aaggctgggt cataactgag aatcgagaga tgcttccgtt ttggatgaac agcaccggca 180  
 ggcgggaagg ttggcagcgt ggatggcacg gctacgacaa cgagctcatg gacatgcggg 240  
 gcatcttcct ggccttcgga cctgatttca aatccaactt cagagctgct cctatcaggt 300  
 cggtggacgt ctacaatgtc atgtgcaatg tgggtgggcat caccgccgtg cccaacaacg 360  
 gatcctggtc cagggtgatg tgcattgctga agggccgcgc cggcactgcc ccgcctgtct 420  
 ggcccagcca ctgtgccctg gcaactgattc ttctcttcct gcttgcataa ctgatcatat 480  
 tgcttgcttc agaaaaaac accatcagca aagtgggcct ccaaagccag atgattttca 540  
 ttttatgtgt gaataatagc ttcattaaca caatc 575

<210> 489  
 <211> 1080  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1081)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (58)...(1080)  
 <223> similar to gi200541 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 489  
 aaggtcaggg gttttgtcag tttcattcac tgctgaatcc ccagggcctg actgcggccc 60  
 atgggaggtg cttaataaag gtaacaaat gaatgaaggg gacncctgga gcctggagag 120  
 aagtgagtcg ctcaagggtca tagccatcca gaatgaatga ctttcatctt agaacgaata 180

aagcaccgag	tccacagctc	cagcccaagg	tcctttctcac	agccgtgcc	ggtcctggac	240
ctcaaccca	ggacagagcc	aagggatacc	ccaacctcag	ggagtgcctg	tcaggctctg	300
ccaggactgg	agtgtctaca	caaccaagtc	agggggccac	atggaagagg	agcaggaacg	360
gtggaagcca	aagcagccat	ggccaaggcc	aggagccatc	tcccctcca	cccctccagc	420
tgcttgagt	caggcatgac	agacagcggc	tggggccaga	agcccgactc	tctggggcca	480
ggggagaggg	ctgcagttcc	catcagaaga	gcagaagacg	cagagctgct	gcgggttgcc	540
ccagcaccaa	tgggagcttc	cctatggccc	atgcttcctt	cctggtgttg	gccccaaacc	600
agcagagagc	atcctggcca	agtccaggct	ctgccacctt	gcgccctctg	gtggccacat	660
tggttagtgc	cagaggggaa	cccaggatct	ccccagccc	ctcccaggcg	gttcctcttc	720
ccctaagcca	gggtttcagc	tgcacaagag	atgatccaaa	gggccggggg	acatcagcag	780
cccttgagct	ggctggggcc	accctgacca	gcaaggtgag	gctggtaatg	acttcgggga	840
tgaccacatc	agccccaaca	ggtgagcact	cactgtgagc	cgggctcagg	ctaggccact	900
ctatcaccat	ccagccacaa	tgaccgaaga	gtagattaag	gcccaggaaa	gggatggcac	960
ccaccaaga	tcacccagca	cagaggtgat	gctggatcgg	cctgactcct	cacctgtcct	1020
cccctctctg	tcccctcaat	tgctcaacca	tagatcagga	agcctcctcc	caggccagct	1080

```

<210> 490
<211> 611
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (16)...(611)
<223> similar to gi200549 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 490						
tttcgtgcct	gcagcatgga	gggtccccag	cggggccctc	cctgggttaca	cgccaaggcc	60
ctgccccacc	ccgccccaga	ctgaaccgag	agcacacgga	gatctgcgag	atggactggg	120
cggacaaggt	ggaggcctac	aacctcgaca	agacttgctg	gcgccaccac	agccagagca	180
ccgaggtgca	ggctcatccg	gactccacc	acctttcaag	agaggggggc	cccagctctg	240
ccccgtgctt	gccctggctg	tggctctgcc	tccctctgcc	tggggggccc	agcggcactg	300
cttccccccag	cctggccccag	aggccctcgc	ccccgagggc	acttgggcaa	ctgtctgccc	360
ctggcatgag	aaagcgtgca	agacctcctc	aagtgccccag	cgcgtgcaca	gcctgggttg	420
ccgtagacag	gacaggggtg	gatgcgggtc	gccccagggt	ccggcaggat	tgcatattcca	480
ccgaaggcca	gcagagggag	cacgaccacc	gcccacttga	gcatggcaaa	ctcctggccc	540
cgcagcgcct	ccaccccaga	gacccggacc	aagttcacac	aggacaatct	gtgccgtgcc	600
cagcgcaagc	g					611

```

<210> 491
<211> 1525
<212> DNA
<213> Homo sapiens

<220>

```

<221> misc\_feature  
 <222> (1518)...(760)  
 <223> similar to gi3047240 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 491

gcacactgca	ctgcccaccc	tgtatgcagg	ccttggggccc	aacctgagac	cacctgatgc	60
atggacgccc	atcccgtgct	catcatctcc	gccagaccct	gcctgggggtt	ctgcagggta	120
cccacctgag	cccagttta	cctgtgtcag	cccaaccacg	gccccagtcg	acctccctgc	180
tggccctggg	agacagctct	ctttcttccc	ctaatacctgc	aagtgtctcat	ttgccctggc	240
actgtgctgc	ctgtgccatg	ctaaatgagc	cttgggcagt	gctctgtgtg	gcctgtgatc	300
ggccccgagg	ctgtaagggg	ttgggggttg	gaactgaggg	tccccaaagg	actggaggcc	360
tagaacctga	tcttgacagg	ggtcgggtgg	cctgccagag	ctgtaccttt	gagaatgagg	420
cagctgctgt	gctatgttcc	atatgtgagc	gacctcggct	ggcccagcct	cccagcttgg	480
tgggtgattc	ccgagatgct	ggcatttgcc	tgcaacccct	tcagcagggg	gatgctttgc	540
tggcctctgc	ccaaagtcaa	gtctgggtact	gtattcactg	taccttctgc	aactcgagcc	600
ctggctgggt	gtgtgttatg	tgcaaccgga	ctagtagccc	cattccagca	caacatgccc	660
cccggcccta	tgccagctct	ttggaaaagg	gaccccccaa	gcctggggccc	ccacgacgcc	720
ttagtgtccc	cctgcccagt	tctgtggag	atcctgagaa	gcagcgccaa	gacaagatgc	780
gggaagaagg	cctccagcta	gtgagcatga	tccgggaagg	ggaagccgca	ggtgcctgtc	840
cagaggagat	cttctcggct	ctgcagtact	cgggcactga	ggtgcctctg	cagtggttgc	900
gctcagaact	gccctacgtc	ctggagatgg	tggctgagct	ggctggacag	caggaccctg	960
ggctgggtgc	cttttcctgt	caggaggccc	ggagagcctg	gctggatcgt	catggcaacc	1020
ttgatgaagc	tgtggaggag	tgtgtgagga	ccaggcggaag	gaagggtcag	gagctccagt	1080
ctctaggctt	tgggcctgag	gaggggtctc	tccaggcatt	gttccagcac	ggaggtgatg	1140
tgtcacgggc	cctgactgag	ctacagcgcc	aacgcctaga	gcccttccgc	cagcgccctct	1200
gggacagtgg	ccctgagccc	acccttccct	gggatgggcc	agacaagcag	agcctgggtca	1260
ggcggtttt	ggcagcttac	gcactcccca	gctggggccg	ggcagagctg	gcactgtcac	1320
tgctgcagga	gacaccaggg	aactatgagt	tgggggatgt	ggtagaagct	gtgaggcaca	1380
gccaggaccg	ggccttccctg	cgccgcttgc	ttgccagga	gggtgccgtg	tgtggctggg	1440
gcccttgccc	aacaaaccgg	atgcaggccc	tgacttccctg	ttgagtgcac	catctgtcgt	1500
gactgcttcc	gccaagactt	gacag				1525

<210> 492  
 <211> 423  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(424)  
 <223> similar to gi2197085 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 492

caaaacattg	ctgaaagaaa	tttttaaaga	catcctgcat	tcatagactg	gaagacttga	60
tgttggttaac	atgattatta	ctacccaact	taatctgctt	gccccacgca	attcttctca	120

aaatcccaat	agaaatttct	gcagaaatag	aaaacccatc	ctgaaactca	catggactct	180
caaggaatcc	tgaatagcca	aaacaatttt	gaaaaagaac	aacaaagtta	taggactcat	240
actttcaatt	ttaaaactta	ctacaaaggt	atagtaatca	aaacaggatg	gcactggcat	300
aaggacagac	atacagacca	atgaaaaaaaa	ctcttactat	atagtcaact	gatttttgac	360
aagaatgaca	agactactca	atgggggaaag	gacaatcttt	tcaaaagatg	gtgctgggga	420
aac						423

<210> 493  
 <211> 650  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (254)...(78)  
 <223> similar to gil017722 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 493						
caaagtgaat	gagtgtggca	aggtcttcac	tcagaattca	caccttgcaa	gacatcggag	60
agttcatact	ggaggtaaac	cttaccagt	taatgaatgt	ggcaaagcct	ttagtcaaac	120
atcaaagctt	gcaaggcatc	agagagttca	tactggagag	aaaccatatt	agtgtaatca	180
gtgtgggaaa	gccttttagtg	tccgttcaag	cctaactacc	catcaggcaa	tccatactgg	240
aaaaaaacct	tacaaatgca	atgagtgtgg	gaaggtcttc	actcagaatt	cacaccttgc	300
aagacatcgg	ggaattcata	ctggagagaa	accttacaag	tgtaatgagt	gtggcaaagc	360
ctttagtcaa	acttcaaaac	ttgcaaggca	tcagagaatt	cataccggag	agaaaccata	420
tgagtgtggg	aaacccttta	gtatctgttc	aagcctaact	acccatcaga	caatccatac	480
tggtgggaaa	ccttacaaat	gtaacgtgtg	gaaagttcta	aagtcagagt	tcaaaccttg	540
caagccatca	cagaattcat	agtggagaga	aaccttaca	atgaaggtgg	taacttttgc	600
agttagaatt	cattcctttg	acaacgtcag	agaatttatg	cctgagagat		650

<210> 494  
 <211> 725  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (134)...(93)  
 <223> similar to gi4050087 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 494

```

ccccgcgtc cgcccagagt gcctgtcagg cgggtggcact gtcctcgcct ttgataaagg      60
ccaaactgag tctgtggagag aaggggctgg ggccacgcaa aatcagggca gggctggggc      120
caaaatgcct ggagagacag agtctgagag atacagagat ggccagagac agatggagag      180
agacagataa cagagagata cagagacagc cagagacaaa tggagagaga gacaaatgga      240
gaaagagagc cagagacata cagaaagaca gagacactag agtctgagag atacagacag      300
acacagagac agccagagac agatggagag agacagagac acaaagagag ccagagacac      360
agagagtctg agagatacag acagacacag agacggccag agacggagag agacagagac      420
agacagacag agacacagag agtctgagag atacagaaac agccatagac aggtggggag      480
agagacatga acagagccag agacatacag agagacagag acacacagag agacagagac      540
acggagagtc tgagagatac agagagacac agagacagtc agagagagac agagaggccc      600
cagggcatcg tggctaaggt tgggctcccc tactccacag cctccaggag gggctgaggt      660
ctggaaacat gggcgggggg gggcccgcgg tgagaaaggt ggaagaatgt ctgcaactca      720
ggcggg                                           725

```

```

<210> 495
<211> 512
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(513)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (75)...(496)
<223> similar to gi575322 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 495
cggcccnaaa tgagacctat ggaagngcgg tggaaatcgc gcgccccgag cccccgcgcc      60
atgaagctcg ccgccctcct ggggctctgc gtggccctgt cctgcagctc cgctgctgct      120
ttcttagtg gctcggccaa gcctgtggcc cagcctgtcg ctgcgctgga gtcggcgggc      180
gaggccgggg ccgggaccct ggccaacccc ctcggcaccc tcaacccgct gaagctcctg      240
ctgagcagcc tgggcatccc cgtgaaccac ctcatagagg gctcccagaa gtgtgtggct      300
gagctgggtc cccaggccgt gggggccgtg aaggccctga aggccctgct gggggccctg      360
acagtgtttg gctgagccga gactggagca tctacacctg aggacaagac gctgcccacc      420
cgcgagggtc gaaaaccccg ccgcggggag gaccgtccat ccccttcccc cgccccctct      480
caataaacgt ggttaagagc aaaaaaaaaa aa                                           512

```

```

<210> 496
<211> 802
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (2)...(533)  
 <223> similar to gil1009337 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 496  
 catagggaga agtgttcatt attggaagaa agttttgcca ttgttgaaga taataaaaaa 60  
 gaagaacagt attcctgaac ctattgatcc tctgttttaa cattttcata gtgtagacat 120  
 tcaggtaaca gaggttccttt atgaatttat tggagatggg aattttccagt ttataaacia 180  
 agacatggag ctatacactg cttaaattaa ttgccttggt atttaacggt aatccttggtt 240  
 tctaaattca ctagctctca cagataagat atgacagaga agagtaatga gatgtttgtc 300  
 tcttaagatc atataaaatc tttggaaaat cattttgggtt ttatatctctg agtataaaca 360  
 atttgactaa aaactattct gtgtgttttag gcatcagaaa ttgttgaata tgaagaagac 420  
 gcacacataa cttttgctat gttggatgca gtaaatggaa atatagaaga tgctgtgact 480  
 gcttttgaat ctataaaaag tgttgtttct tatttgaatc ttgcactggt aagtagatgc 540  
 agtacttgag ctaaaagttg tatttattta tttattattt tttttaaaag acgggggtttc 600  
 tctgttggcc aggctagagt gcagtggcac aatcctggct cactgcaacc tctgcttccc 660  
 aggctcaagc gattcctgtg cctcagctcc cgagttgctg ggattacagg catgagccac 720  
 catgcgtggc caagctgaaa gttttttgtt ttaaaaagct tatggattca tggagccct 780  
 tattgattag attttcacag ga 802

<210> 497  
 <211> 622  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (146)...(452)  
 <223> similar to gil469195 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 497  
 ccacatggta aatctttttg gctttgtggg ccacataaag tctctgttgc atattctttg 60  
 ttttgttgct ttgtttcttc acacctttta aaaatacaaa gccattctta gcctacttgc 120  
 aggctggatt tagttcattg gtttacttgt tgattcctgg tatagcacia ggaatttaca 180  
 tgtttggaat tgtttttgtg tcttctggga taagggggaa gaggaagatt atatcttgtg 240  
 ttttgggcat gtcacactag aaatagttcc ttttaaggta tgatttttcc ctccaacaga 300  
 ttaatgctga actgttgttt cggccaactg ctctttcaac tccaagcttt tcttctccta 360  
 aggaaagtgt tccaagaaga catctttcag aaggaacaaa ttcttatgag acaagacttc 420  
 taaataatca tcaagttccc acctcagtct ggaacctggg gagccaacag ggtcagtggc 480  
 taagattggt tttccatttg gggaatatta aacagagctt ttacttgaca cttctgtgac 540  
 agtgatgcca attcgggatc attgtaggtt ccattgtgga attgtaggtt ccatgaatgt 600  
 gaaaatcttc aggacaattg tt 622

<210> 498  
 <211> 307  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(308)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1)...(307)  
 <223> similar to gi3002527 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 498  
 tttttttttt ttgaaacgga gtctcactct ggtgcccagg ctggaggggg cccatttttg 60  
 gttcactgaa agctccgcct cccggtttaa tgccattctc gtccttcagc ctcctgaggg 120  
 gctgggatta caggcgcccg ccaccacccc tagctaattt ctttgatatt ttggtagaga 180  
 cggggtttca ctgtgttagc caggggtggg tctcaatctc ctgacctcat gatccttccg 240  
 ccttngcctt cccaaaagcg gtnggggatta caaggngtga caaaccttcg ncccggecaa 300  
 tncactg 307

<210> 499  
 <211> 401  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (10)...(398)  
 <223> similar to gi2065210 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 499  
 cactgtcgtg gtattccaca cagcattgcc tctgaacaag atacttactt tatggctaaa 60  
 gaagtgtggc agtggggtca tgctcatgga attcactggg cttaccatgt tccccatcat 120  
 cttgaagcag ctggattgat agaacagtgg aatggccttt tgatgtcaca attacaacac 180  
 caactagggtg acaatacttt gcagggtctgg ggcaaagttc tccagaagggt tgtgtatgct 240  
 ctgaatcagt gttcaatata tggtagtgtt tctcccatag ccaggattca tgggtccagg 300  
 aatcaagggg tagaagtgga agtggcacta cttaccgtaa cgcccaatga tccactagca 360  
 aatattagct tcctggtcct gtgacattac attctgatag g 401



<210> 500  
 <211> 371  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(372)  
 <223> similar to gil780976 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```
<400> 500
gtggttttgg cagtactgac agtgaaggaa aagcagccta ttgagttaa caagcttcta    60
aacagacctg tgtgcacaat gattcagggg aaacagtttg aaggactggt agacacaggt    120
gctaataatt caattatagc tctaaatcag tggccaaaag cgtggccccg acaaaagggt    180
tctatgggct tgattggagt aggcacagca tctgaagtct atcaaagtgc tacaatttta    240
catcgtttaa gaccagatgg gcaggaagtc accatccaac ctatgattac tttcattccc    300
attaatttgt aggggagaga tttgttacag caatggggta cagaaatcac cattccctct    360
gcaatttaca g                                     371
```

<210> 501  
 <211> 1169  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (120)...(1169)  
 <223> similar to gi3002527 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```
<400> 501
cctgcttttt aatttttctga aagagacagt acagacttgg tatcatttct accttaagta    60
tctcgaaaaa tgcacatcag tgaatccatt tgggtcccggc actttttttg gaagggttta    120
ttattattaa ttttattgag atggagtctc actctgtcac ccaggctgga gtacagtggc    180
acaatcttgg ctcaactgcaa cctccacctc ccagggttcaa gtgattcttc tgcctcagcc    240
tcttgagtag cttggactat acacgcgatgc caccacgccc ggctaacttt ttgtattttt    300
agccaccgcg cctgggtcttg gaaagttatt aattactgct tcaatttatt taatagatat    360
atatgcctac tgagatctac cttttatgag ctttgagaga atgcatcttg caaggaattg    420
atccatttta gctaagttat caaatttatg gacagagttg tccatatttc tttctaattc    480
ttttggtgac cataggatca gctatgatgg cctctttcac ttttggtatt agcagtat    540
gtcttctgtt ttttcttaat ctagctagag gtttatcaat tttaccacc ttttcaaaga    600
acagttttgg gttttattga ttttctcttt tcaatttcac tgatttttac tctaattttt    660
```

```

ttccagggtta ctttggattt aatttgctct tctttttcta gttttccaaa gtggaagctt 720
agattacttg tgtaatctag ggtcaccaga ctgtaaaatc ttagattatt tgtatgatct 780
gatcatgtaa tgtagtgtac aatcttcaca ctgtcaataa aagcccatg ccagcttgat 840
tctggctctt ctccagcctc aaccctcctc ttcataattct caaaagtctc tgaaggccca 900
gatccctgtc tgggtacaat gagcaatgaa atgacagtcc aacagccctg ggcagcaact 960
gggctgtatg tgtgggcctc tttccagggc cctgtcttgg agagcagctg cttaaagaaa 1020
at ttggacta tcacttacgc tgaaggctgg agtggttcaca tatgtacccc aggcagttca 1080
tggcatggga tgagccacag gtagtaagag aaagggagta acatggaggc aggcctagat 1140
cttcacacgt acaggataga ttttttttc 1169

```

```

<210> 502
<211> 383
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(385)
<223> similar to gi2065210 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 502
ttgtgtcaaa ggagtgatgg ctataaatac gaatccacac tgatttgtgg tcagcagcag 60
atgggtttgac tggaaattca gaaacttaga ataagggttg gaaacttgtg gtaagatata 120
gaaaagagct atgtcaataa actattctca aaaaggacaa agtgtagagg tatttgtgtc 180
ccatgtaaat gatgaccaat gtataatctc agcagaggag gctctcaata accaagtgga 240
caaaatgact cattatttta tcagccactg tttcccttgc tcagaacgct aatgaacaaa 300
gttcatatcc tactgtgaga gcagcaggaa tgaaggcat gcatgtgctc agtgacacag 360
gcttccacct gtcaagaatg aca 383

```

```

<210> 503
<211> 565
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (16)...(565)
<223> similar to gil8736 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 503
aaaaggcctt tgctcagcgc cacaagtcac cgtgactgaa agaagcattt cattccgtcc 60

```

```

agacagttac tgagcttccg ttctccaggc actgcacaag gtgccgagga caaggcaggg 120
gaacggcctg ggcagccttt ggattggagg agtggcccca aagcccacgt atcagttagg 180
cggcgctgct gtctcccca gagcccacgt atcagttagg cagcacctgt gtctcccca 240
gagcccacat atcagttaga tgggctgctg tctcccccag cggcgcgta tcaatcaggc 300
agtgcctgct tctcccccag atcctgtgta tcagttagac ggtgcctgca tctccccctg 360
gccacgtat cagttagacg gcgcctgctt ctccccaga gccacgtat cagttagacg 420
gcgcctgctt ctccccaga gccacgtat cagttagacg gcgcctgctt ctccccaga 480
gccacgtat cagttagacg gcgcctgctt ctccccaga tcctgtgtat cagttagact 540
gcgcctgctt ctccccagc gtatt 565

```

```

<210> 504
<211> 582
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(577)
<223> similar to gi487836 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 504
tttcgtgggc ggggcctggt cctgtgagcg ttcggagact gcgggcgcgc aaacctgtac 60
tggggccgcg ccccgccccc ttacagagct ggggtgtgtcc ctccgagtgc ccccgctag 120
ggactgtgca ggcgggagct aggcaggac agcggggcga accgggctga tagatcggg 180
ccctgctcct gtgaggctct caccgaatcc ctgctgtttc cgggcagctg aagagcgtg 240
ggccctcgcg tcgcgggcgt ggctgtggcc gtgtctcctg gtagtctgag cccactgtgc 300
gtgtggatcc acgtgggagc tgggttccag agcctgggtcc tgaggaggag ccgagccggg 360
gcttcccctt ctcaaatcc tgctcttcct ccagagagat tcccaggaga agagggaaca 420
accaattcat tcctgaaagc caggcctcgg gacctgatga catttgaaga tgtggctgtg 480
gaattcagcc agtgggagtg ggggcagctg aaccctgctc agaaggacct ctacaggagg 540
gtgatgctgg agaacttcag gaacttgcc attctgggcc tt 582

```

```

<210> 505
<211> 436
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(439)
<223> similar to gi52878 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 505
tttcgtcaga ccttggcttt gggagctttt agacggtttt caaggacact gggcttggaa    60
gagaagtgtc gccccctgac tgcagctcca cagaggcagg aggggatggc attcggaggc    120
cgccgagcgg gctggagcat cagcaaacag gtttgtctga aagtcaccag gaccctgaga    180
agcatccaga ggcagaaaag gatgagatgg agaagccggc taagcggact tgcaagcaga    240
aacctgtctc caaagtgggt gccaaagtgc aggacctgtc ctcccaggta caaagagtag    300
ttaaaacgca ttctaagggt aaggagacga ttgccattcg cccagcagcc cacgctgagt    360
ttgtacccaa agccgacttg ctcaccctcc cgggagctga ggctggggct catggctcca    420
ggcggcagga caagga                                         436

```

```

<210> 506
<211> 1101
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (83)...(1002)
<223> similar to gi2462077 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 506
gcggccgctc cctgccctgc agctttgggc tagggacctg ccgcttgccg cggttcctac    60
gagcggcgcc aagcgcccca ctctcccagt gtgggcagtg gcaccagtct ctgcagtaca    120
tgcgaacggc tggtagcagg ccctggccgc gtcttcgccg gtgcggggtg cggaggaagt    180
actgtcggc gtgcacggcg ccacgggcct gccctgggtg ggcagcattc tgctctccac    240
cgtggcctta cgggggtgctg tcacgctgcc tttggcagcc taccagcact acatcctggc    300
caagctaggt ggaaaatttg cagccagaaa taaaaactat tgccaggcat cttaaccaag    360
aagttgcagt tcgtgcaa atcagttgggt ggtccaaaag agatgccagg ctcaattatc    420
taaagaatat gaggaggcta atttcagagc tatatgtgcg agataactgc caccctttca    480
aagccactgt gttgggtttg attcagcttc caatgtggat cttcatgtct tttgctctcc    540
ggaatttaag cacgggggca gcacattcag aagggttttc tggttcaggaa cagttagcta    600
ctggttgaat tctgtggttt cctgacctca ctgcacccga ctccacttgg attctgccta    660
tctctgttgg cgtcatcaat ttgttaatat tggagatttg tgctctacaa aaaattggaa    720
tgtctcgttt tcagacgtat attacgtact ttgtccgtgc aatgtcgggtg ttgatgatac    780
caattgctgc aacggtaccc tcatcaattg ttctctactg gttatgctcc agcttcgtgg    840
gcctttcaca gaatttgctg ctgcgttctc ctggatttcg ccaactttgc cgaataccat    900
cgaccaagtc agattcagaa actccttata aagacatatt tgctgccttt aataccaagt    960
tcatttcaag aaaatgacat attttccata attttgaaac agttgcagga gtcactatca   1020
tctaaatgta ttttagactta gaaattcaga tgttacttga tttcctttta tttaaaatca   1080
ttaacttcat gaaatacgaa a                                         1101

```

```

<210> 507
<211> 495
<212> DNA

```

# Q & A

<221> misc feature

<223> similar to gi200547 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

ttcgccattc	gtgcttgggc	cagctccttg	gagaggcggg	cagcctccgt	gttttgggcc	60
tccagcttgc	gggcctgggc	ttccagctca	tctccaaggg	cctcagcctt	tctcctcaac	120
tgtgccacct	cctccctgag	ggcctcctgc	tctgcgacac	cactggccag	gctctcccct	180
gggattgggc	cttcccagac	ctggacctca	agagcccctt	ctgacttctg	ctgtggtttt	240
tgccaggctg	ggtccctgac	cgcccttcc	agcctctggt	catgctctct	ggcctctgct	300
tgtcccgtgg	ccaggccag	gccctggttt	gggccctcct	gctcctccag	ctgcacagag	360
ctgggctccg	aaggccctgg	cttgtgctca	gggccctcct	gtctcaaccc	ccaggcctca	420
ggcaccaact	cgccttgggg	agcctaactt	cccactgtct	ctcctcccag	caactgcgcg	480
gacgcgtggg	tcgac					495

<211> 613

<213> Homo sapiens

<221> misc feature

$\langle 223 \rangle$  n = a, t, c or g

<221> misc feature

<223> similar to gi349075 in the genepept database release 114.

Run with FASTXY 3.3t00, default parameters

gacatctcaa	gcttcgcacg	agggtgacta	tgagtttgac	tctccatatt	gggatgatat	60
ttcgcaggca	gccaaagacc	tggtcacaag	gctgatggag	gtggagcaag	accagcggat	120
cactgcagaa	gaggccatct	cccatgagtg	gattttctggc	aatgctgctt	ctgataagaa	180
catcaaggat	ggtgtctgtg	cccagattga	aaagaacttt	gccagggcca	agtggaagaa	240
ggctgtccga	gtgaccaccc	tcatgaaacg	gtcccgggca	ccagagcagt	ccagcacggc	300
tgacagcccag	tcggcctcag	ccacagacac	tgccaccccc	ggggctgcag	gtggggccac	360
agctgcagct	gcgagtgagg	ctacctcagc	ccctgagggg	gatgctgctc	gtgctgcaaa	420
gagtgataat	gtggcccccc	gcagaccgta	gttgccaccc	cagccacaga	tggaagtgcc	480
accccgagca	ctgatggcag	tgtcacccca	accaccgatg	gaagcatcac	tccagccact	540
gatgggagaa	tcaccccagc	cacccgatgt	atgcggccgc	tctgaggnat	tcgcgcta	600
gccgcaggct	tcg					613

<210> 509  
 <211> 1337  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (23)...(1179)  
 <223> similar to gil418928 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 509  
 gcgtccgcct tcagcgcgcc cacctcgtca tccagcgcct gcacttggct ccggagccgc 60  
 gacgtggccg cccgcgcccg ctgcgccctc gctttgtgcg cgtccacggc cagcgacacg 120  
 gcgtccacgg cgttctgcag ggcctgcagg gaggagccgt ccagctgccg ccgctcgtcc 180  
 aggtcacct ggggtctctc cagggcacgc gtggcgctcc tctggccctc ccggatgacg 240  
 tccaggtcta aatagagctt ctggcaattg cagtccctca cgtacttgat gaggtcggca 300  
 tggccaccct gcaggtgctg cagcgtgagg ttgagctcca ggagctgccg ctccacctcc 360  
 tccttgttct cctccatgat cagagacttc tccatcagga tcacgcgcag ctacggagc 420  
 gccgtgtggt tcacctgcag ctccctccacc tgccgctcca ccttgctaat ctgatcgaaa 480  
 gtctcgtccg attcggagta cagttccttg atctcatcca cgtgccgggt caggggtggcc 540  
 ctcatgtcct ccaggggtga ctgcaactcc tctccctgc gggccgtggt catgtgcagc 600  
 tctgagaggt tcctctgcag ctggcccagc ctggcctgca ggctgtccgg ctcaggcctt 660  
 gcccagccc caggcggtgc caacaccaga ctgccattgg tccctggggc ctccctgagcc 720  
 ttgtgcagcc tcttcaattt ggtgtccaca tcggccttga gctctgagat cgagcgggtgc 780  
 agggtaaagt gctgggcgtg caggcgggtcc tccacgtcct gtcgcagctg acccactctc 840  
 tgagtgttct cctggacctt ggcctcaaatt ttggcaccaa gtccttgga gtcagccctg 900  
 gccacggcac tgtcctggac tctggagatg gcctggcggt tggcctccac gtcaagagac 960  
 aggtttctta tggcctgggt aaggctgtgc aggttttgg taaagctcct ccagatgggg 1020  
 ctgaaatgca cttgtaggaa ggtgtccacg tggggtagca gcacctgctc caaggatcta 1080  
 tcagggaact ctgcaacaga catgtggtgt gacacaagcc ctgcaggagc agacactcct 1140  
 cccaggctgg gaccagcggg gtccctccct cctccctca atgtgaccag gctcttctc 1200  
 agcccctaga gcctgccact caccgtgccc tgtttgattt gcttccatca ctgcagctgt 1260  
 gaggttacca ggcagggtt tccacaggcc tggcaggctg tctgccaccc ggtgcacatc 1320  
 attctggaga tctccca 1337

<210> 510  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (10)...(394)  
 <223> similar to gi4755083 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 510  
aatggcgggg cctgtgcaac tgcctgggtt tgtgaaatgg ctgctgacgt ttccgattcc 60  
aatagggctg cctgcaaagg agacccaagg aacagagcca agttagatgc tgattaccta 120  
ctttgagtc tttattgtgg agtctgttca ttaccaatag agtactgtga atatatgcct 180  
gatgttgcta aatgtagcca atgattagag aagaattttc caaatgaata tgcaaaactt 240  
actgtggaaa attcacccaa acaagaagct ggaatctgtc aaggtcaagg aacagcaggg 300  
gaagaagagg agaagaaaaa acagaagaga ggtggaagg gtcaaataaa tcaaaaaaac 360  
aaagacggtg ccacaaaagg ttactatagc caaa 394

<210> 511  
<211> 562  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (502)...(304)  
<223> similar to gi212752 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 511  
tttttttttt ttagagtcta tccattcctg tttttagtgc agttcttgac catcaccagc 60  
tgcaagccag gagccccgtg ggtcaccgcc aggcacctgc tgtctgccac gaaacagggg 120  
ctgcaggtct cttgctcaga ctgttggtg ggcaggggccc aggtcgtatg ggtcagaggg 180  
tccttgaggg ttattttcat gcagggtct ttagaggtgt gcatgcttca gaatcatgga 240  
ggagcatgtt caaatgcccc ccagcatcta agaacagctg atcttgctta ttggtcttct 300  
tctatgattg aggaaactga ggccccgggg gtctggatga tggtgactgc tgaaggccat 360  
agcaggttca aggggtgtcaa cttgatgcca atccccctag tcccatagat tgggtctgtca 420  
atatggccac aagccacacc cattcagggg gtggaggggg gctccttagc gagcccctgg 480  
aggtgttggt taggtgcaca ggcagtctct cccctacatc ctttctgcgt cctgcagcag 540  
agcagtcacc aggccgaatt cc 562

<210> 512  
<211> 891  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (3)...(752)  
<223> similar to gil906596 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 512

```

aaagacaacg acaacttgaa agcttgggta tttccctgga gatgtccggt atcaagggtgg 60
gggatgacaa atgctactta gtcaatctga atgcagaccc tgctcttaac gaacttcttg 120
tttattatth aaaggatcac accagggtgg gtgcagatac ctctcaagat atccagcttt 180
ttggcatagg aattcagcct cagcactgtg agattgacat tgcactctgat ggagacgtca 240
ctctcactcc aaaagaaaaat gcaaggctct gtgtgaacgg cacccttgtg tgcagtacca 300
cccagctgtg gcatggtgac cgaatccctat ggggaaataa tcactttttt agaataaact 360
tacctaagag gaaacgtcga gattgggtga aagactttga aaagaaacgg gcccgccaga 420
gcatgacctg gatgcagcca gtgaggcttc ctctgaacca gactataact atgaatttgc 480
acagatggaa gttatcatga aaaccctgaa tagtaatgac ccagttcaaa atgtggttca 540
ggctctggag aaacaatacc tagaagaaaa gagaagtgcc ctagaggagc agcggtcat 600
gtatgagcgg gaactggagc aactccgcca gcagctctcc cccgacaggc agccacagag 660
tagcgccct gaccgcctgg cctacagcag ccagacagcg cagcagaagg tgacccagt 720
ggcagaagag aggtaagaac tgcagcgcg gcagcccaga gtcaaggccc caaggccgtg 780
ggctcttgag ggagggttt ttgagacatg tcagggacaa acctagcaac aagagaactc 840
ttaatcccat atgtgatatt gcccaattagc ttttcctttc acaaatattg g 891

```

<210> 513

<211> 1184

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1184)

<223> similar to gi4456991 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 513

```

gaagcctctc cttctgtgca tattattact gaaattcttc aaaagattct gagatgctct 60
cagtgtttca ttgctacttt aatttttaatc attatgggat tgattgctgt cacagctact 120
gccgcggcag ctggagttgc tttgcatttc acagtacaaa cagcagacta tgtaaataat 180
tggcagaaaa attctacttt gctgtggaat tcccaaacta atatagacca gaaactagct 240
aatcaaatca attatctcca acaatctgta atgtggctag gagattgagt agttagtcta 300
gaatatagaa tgcagttaca atgtgattgg aatacttctg atttttgcat tactcctcat 360
ctgtataatg aaagacagca tgagtgggaa agagttaaga aacatttgaa aggtcact 420
ggaaatttac tttagatatt atgcaactga aggaacaaat atttcaatct tctctggcac 480
atctgacact aatgccagga actgaagtgc ttgaaggcgc ttcagatgga ttagcagcta 540
ttaaccattt aaaatggatc aagacacttg gaggtctctg aatttgaaatg atgactgtgc 600
ttttaattgg tgttgtttgt ctttgtatat caaattgaaa tacaatgaa atttggtcatt 660
tgtacatctg caaatgtgga tcgcgaatcc tgcgagaagt agcctactgt gacaaagctg 720
cctatgcctt tatcactttg caaaaacaga aagggtgggac acgttggtag caatccctaa 780
ccctgtcata aacagacctt aaagaaactg gccataaaca ggatttctgc agcaatggga 840
catgctcatg atggctgtca tgcacactgc taaaagtgtg tggtttacta gcagcagggc 900
aaggaacacc tgggccccgc ccggagcaaa aaactgcttc aaaccacaaa cgataggcag 960

```



```

ggaaaggcct gtgccttggc agcatgtttt tgctgcagat aatcagccag agcctgtttc 1020
tctgctcctc gctgagattg ctttgtttcc cataaagatt gcttttagct aatctacaat 1080
ctatagaagc aatgcttatc actggctttc tgtcaataaa tgtgtgggtc aagctctggt 1140
tgtggctctc agctctgaag ctgtcagccc cctaattcccc actt 1184

```

```

<210> 514
<211> 743
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (319)...(740)
<223> similar to gil86396 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 514
aaattcccat ctaacgtgat cacatthttgg ttgggttttct ctctctctat caggccccgg 60
gatgttgggc cagcctcacc tggagcaaac gtcagaggat caagcaacgc ttccttagga 120
cctgctcaaa attagctatg cagccacagg gtttggcagc ttttatccat gactgaaccc 180
cacatcgaac gaccccaatc acggttggtc cgagcatcac gtgcctgtcc ctagaaaaga 240
aaatggatat ctgcctgcgc tccaagaggc tcccagatgt cactgctcgg gtgtgcttca 300
tggtgctata ggcagcgtcc accagtgggt gcattagtcc ctctctctct tgttacaata 360
gttcctcccc tattaccata atccctcccc gccattacca tagtcccccc tcttccatta 420
ccgtagtccc tcttccggt accatagacc ctctccggt accacagtcc ctctcccggt 480
taccgtagtc cctcccatta ccatagtccc tcttccatta ccatagaccc ttctacttct 540
gttaccatag tccctcctcc attaccatag accctcctcc cgttactata gtccctcctt 600
ccgttaccat agtccctcct cccattacta tagaccctcc gttaccacag tcccccttc 660
tcacattacc atagaccctc ctccggttac catagtccct ccttcataat accacagacc 720
ctcctttcgt tactatagtc cct 743

```

```

<210> 515
<211> 1161
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1162)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1161)...(0)
<223> similar to gi5817053 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 515
ttttttaatg tggagaaaatt tttattactt tgaatgtttt agaatgcagg tagaagagac 60
ccggagctca aatagcttaa ataagtagga aatctattgg ctaatacaac tggaaatgcg 120
gagatagggc aggctgcagg gctggtggct cagggtcag ggggccccaa ctctctgtgc 180
tgctctgagg cactgccttc aatctcaggt tggcagcaca aagctgctga gagtccagct 240
gtcacgcca gacccacaa tgccaggagg gaagacaggt tctatctaag gagagatctt 300
ccatccccac ctctgcggac ttttactcac ttctcaggga cctgcatggg atctcaggcc 360
cattcctgaa gcagttgttg gcagacagag tgggaatagtg tttacagcag gcaggcagcc 420
ttggagtggg ggcacacagc tccaagtcta tcaggaagaa ggggaaatgg gagctgcaca 480
gacagcaagc agcatgctcc atagaccacg aggatctgag tctgaattgg tgattattag 540
aacaatgact ccatggggtg atacattaga agtgctccag ggtccagaga tttaaatgta 600
atgaaagatg aacagaaaaa taatgaaaaa aagtatgctg cacaacaata gaaaaacaaa 660
aatctcataa tgcaaaagca tcaagtgttt gactctgaga agcgcttgt atgccagtt 720
actctcgttc tccctcagct cttgcttggt cttctccacc tgccattcca ctttggcctg 780
gtactgcctg tagtcttcct ggcaggcccc agctccagtt ctttggagca gctgggcatc 840
caagaagagg tcattgctgt ggaaggagcc ctctcgctcc ctccccagcc tctcaatcac 900
agccaggagc tctgcctgct gctgcctctg ctctccaca gagccccagt tgttgaaggc 960
acagtacctt ctctcacact cccgcaccag gtctttcagg ctgcagttgt ccgtgtttgc 1020
tacatagtca tccagggcct ggccccctta gtcctctttg tgggtgaaga ggatgaccac 1080
atgtctcatg gcccctgtcc caaagacctc tttcaccttc ctgatggcca ctgtgtcctg 1140
agcagnghaa cgccccagct g 1161

```

```

<210> 516
<211> 394
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (18)...(391)
<223> similar to gill150834 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 516
ctcaagcggt gatgtgcgga agcggggaga aaggaaaggg ctggtgggga tgtcttcctc 60
ccgacgccgt gactgccggc agaaccctc cgaaagtgcc tggggttttc ctaccgtcct 120
ccccacaccg accttggggt ccgcgcacc tcccaccgct cagcggggtc cgtgcacccc 180
tcgtctccgc ctctgcccac tgagccatgg cccctccacc cactcggcg gcaggagcag 240
gctcgggaga cgatgccacc ggttcctctc cgccgccacc agcagcaccg acaccgcaga 300
ggccgcgcgc atgtccctgg agcccgcca ctccgtgact cccagtaga gaggcagctg 360
cgtccacac gccaaaccg ttcggacgcy tggg 394

```

<210> 517  
<211> 643  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (48)...(597)  
<223> similar to gi3261518 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 517  
tttttttttg atttcacgaa ctcacattta ttcacagaca gacaaaggga caaggacaga 60  
cctttgctca ctggggaccc ccagggtctg gcagttccaa agagggtgatg gtgtccagtg 120  
tgtgaaacgg gggacaggga ggcgggggcg tccccaccag tctccatccc tctggccaac 180  
tgtccgccgc ctttttttcc aagtcgtcct gccttaagac acatgttggg gtgagcgggt 240  
cctaaccagc atcagggggt ctggggggcg gcgatggggg aggaaggggc agtccagggc 300  
ccccactcc ttagtgtcaa gggcgtgaag gggacgggtg ggtagacaga ggaggtggct 360  
ccttcaactt ccctcctcca ttctgcaaac cggggagctc aggcggagcg gcggagggca 420  
gggcggcgaa ggtcaggagg ccaggccccc cagcccgcgc aggtgagctt tgctgtctac 480  
ctcttcctcc tccatctcga aggctgagtg gtcttggtcg tcgaaacagg aggcgctgag 540  
gaagacaggg ggagccggcg gggactgggg tgggggtccc ggagagggcg gctcttcctt 600  
aatgtttgcg aggggcagcg ggagcccttc ttcctcctgc tcg 643

<210> 518  
<211> 512  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (118)...(514)  
<223> similar to gi3882161 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 518  
gggtgctggg gagggggacg ggtgcatctt agccggcccg tctccagctg agcctgaggc 60  
tgagttcacc actaggcagg gcaggaggga gcaaaccctg agccccaccc accttccctg 120  
cagtggtgtg agaagcaca ggcgtctggg aggcagatgc tctgtgactt gcttatcaag 180  
ccccaccagc gcatcaccaa gtaccactg ctgctccatg ctgtgctcaa gaggagcccc 240  
gaggcacgag cccaagaggc cctgaatgcc atttgaagcc gtggagtcac tcctgcgaca 300  
tatcaatggg cagggtccgc agggcggaaga gcaagagagc ttggcggtcg cagcacaacg 360  
catcgggccc tacgaggtgc tggagccacc cagtgatgag gtggagaaga acctgcgccc 420  
attctccacc ctggacctga cgtcccccat gctggggggt gcacatgagc acaccagaca 480  
gctgctgctg gaggggcctg tgcgagtga gg 512

35362-31

<400> 519							
gagcaattca	gtccaattcc	gtttctgaag	gaatgagcga	attccccaga	gagcaatgac		60
cgagactcag	gtggttgtct	gtttttcatc	cacatgcttc	acagatgaca	tatccccccc		120
ttaagccctg	caacagagcg	cgaggcggat	agtcccatcc	acacaggagt	cacactcagg		180
ccaactgaag	cgtgattctg	gattccacgt	tctttgccct	ctgcaaaggt	gcctgttgct		240
caagtttctg	ccccccgaaa	gcgtgaccat	gttgactggt	tgttgcccga	gctctgtggg		300
gtcccagaaa	cttccaggaa	tgcttggaag	accgcattg	tgtcggtgct	ctcctttcca		360
gttttcaaac	agaatatatt	gaaaactccc	cattttgcag	gaaacaggaa	tcacgaaaat		420
c							421

```
<220>
<221> misc_feature
<222> (1)...(1020)
<223> n = a,t,c or g
```

<400>	520						
aggaagagac	gcttacgtta	ggggaatcct	ccgagcggcc	gcggtcccca	cagaggacag		60
caggacttcc	aaggtgagca	tgtcggaggc	tgatcgcgcc	cagaagatgg	acggggagtc		120
cgaggaggag	caggagtccg	tggacaccgg	ggaggaggag	gaaggcggtg	acgagtctga		180
cctgagttcg	gagatccagc	atgaagaaga	gattttctcaa	gaggaaagga	aagaccgaca		240
gtccctggat	caagccagcc	aggaaaagga	ggcggagaag	tagaaagaag	cccagcgctg		300
ccctcggttt	ctgagtcgta	taagtcatct	gcaggaagcg	ctgagcagac	ggcaccagga		360

```

gacagcacag ggtacatgga agtctcttct ggacttcctg gatctccgag tcaaaggaat 420
tctgtcttca caagcagaag ggttggccaa cgggccagat gtgctggaga cagacggcct 480
ccaggaagtg cctctctgca gctgccggat ggaaacaccg aagagtcgag agatcaccac 540
actggccaac aaccagtgc tggctacaga gagcgtggac catgaattgg gccggtgcac 600
aaacagcgtg gtcaaggatg agctgatgcg cccctccaac aaggccccgc tcctcgtgct 660
gtgtgaagac caccggggcc gcatggtgaa gcaccagtgc tgtcctggct gtggctactt 720
ctgcacagcg ggtaatttta tggagtgtca gcccagagagc agcatctctc accgtttcca 780
caaagactgt gcctctcgag tcaataacgc cagctattgt cccactgtg gggaggagag 840
ctccaaggcc aaagaggtga cgattagctt aaagcagaca ccacctcgac cgtggacacc 900
agtccccggg caggagaagg gctcggctcg anagggaggg cacnaaccac aacgggcagg 960
tacctggcac agctctggct gggctctcca gtcgtccacc tgaaaaagt tcagttgtt 1019

```

```

<210> 521
<211> 528
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (128)...(442)
<223> similar to gi4760780 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 521
taccggggccg acgatttcgt gcaaagtcgc atctgatatg aggtggcctt ttaacccttg 60
agggaccaca tttaaggatt tcgaagagat ggaggctgaa ctttctcgat gactcttcgt 120
caccgggagt ggtgcagagc aacctgcaag caatcaaggc cagtctaccc tgcagccctt 180
gccgccttcc cataagcagc actctgcaca gcatcatcca tccatcactt ctctcaacag 240
aaactccctg accaatagaa ggaaccagag tccggccccg ccggtgctt tgcccgccga 300
gctgcaaacc acacccgagt ccgtccagct gcaggacagc tgggtccttg gcagtaatgt 360
accactggaa agcaggtaac atctaaaatt tcaaaataag ctagcccaac ctttttctca 420
ccaggagcaa ttactatac ttacatattc tgggtgtggtg ctttgggggt ttgttggttg 480
tgtgttttct tttttcttct ctaagaagca gttccagatt gttgtgat 528

```

```

<210> 522
<211> 1190
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1191)
<223> n = a,t,c or g

<220>
<221> misc_feature

```

<222> (214)...(4)  
 <223> similar to gi4886505 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 522

tttcgtgcgt	gcgcgcaggt	gtgcgtgacc	atgtgcttga	aacggcagta	gcgcagcgag	60
aaggatcgcc	atcacacggc	gcactgggtgc	ggcttctccc	ccgagtggat	gaacatgtgc	120
ttggtgtcgt	ttttccttga	gctgaacgtc	ttgcaacagt	ggccgcacgc	atagggctga	180
ccccacattg	gacaccgctg	catccatgtc	catcacacaa	cacagctgcc	gtttcttctg	240
cctgcttatg	ggaaagaccc	ctcttctcct	ccgttttctt	ctcttctcgc	cctatcacac	300
cgtgcacttc	tcccttttct	taaagaacca	ccatcaactt	taggaggagg	gaaaggggtg	360
gctctggcag	gaaaagccag	aatccccctt	agccagcaga	gagagagagt	caagggctctg	420
tttgggtggc	agggatagcc	acttctgaag	gtagaaagga	aaataagcca	ccaaattggt	480
acctttctgt	gaaatggaca	tcgtgctcag	aatctccatt	ttccccacaa	cctggaggag	540
taagtactgt	catctgcatt	ttgtagctga	ggaatctgac	tcaacaaaat	taaattactc	600
gcctaagcaa	ttagcaatca	accaagtctt	tctgactcag	aaaccagct	attgcctggt	660
catatccagc	ccctgtattg	gggtcaagat	ctggcctggt	ctcaatgcag	caagatccag	720
gcagatcaca	ctggactccc	agcactgaat	ctggctcgag	gggacatcaa	atttgactgg	780
gtcatggggc	tcaggagcat	cactctcaaa	aatagcagta	caggaagagg	caatggccct	840
aaacagcact	tgcaggcaga	tccccaatgt	taatcataag	ggccaggact	ctctcacttt	900
tctgtctctc	tctctgtctc	tctcttaggg	ctgacccccac	attggacacc	actacatcca	960
atgtccatca	cacaccacag	ctgccttttc	ttctgcctgc	ttatgggaaa	gtgggctcag	1020
gaggtctgga	tctgggggtg	ggatctggag	tgggaagggga	attcatttgt	tcattgtcta	1080
tccttttgta	ttgattgaat	tttttatata	tatatgggaa	ttttcacaat	aaaatttttt	1140
tccaaaataa	aataaacaaa	aggggctttt	tgcaacccan	aaaaaaaaaa		1190

<210> 523  
 <211> 719  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (54)...(652)  
 <223> similar to gi21992 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 523

tttcgggtgt	gcgtctgtgt	gtgtgtgcgc	cgcacgtttt	tgagtgtgag	acccaaatgc	60
agaccacgca	acctgcgttc	ccgcgcctc	cccccgccc	cggtgattaa	tacctatttt	120
tctgaagctc	ccctcctccc	ctcctgctct	ccctctccgg	ctgccgcgcg	gttgacttgc	180
acagcctgcc	ccgcgccgct	tcccttcccc	cggctccgat	cctcaccaac	tggaatctgg	240
gctcctgcct	ctccaccccc	cacctctttt	tgagaaagga	aggttcccc	cacccccctt	300
caaaaaccac	ttcttcgggc	ttcttcacct	ctaggaaatc	tcggggcttc	gctctatcga	360
gagtgtcctg	cgagggtgat	tcttgatcac	caccatccag	tagtgctggc	gtccgaatgc	420
atatcctttt	gccttgcaaa	gaagagtcac	gaacttcaaa	acccccgaga	cggatcatta	480
atcctgcttt	gcaggaaagg	aaaacctcc	attcccagcc	accggccacc	cctctccgca	540

gactgcaacc	gcgagggcgc	tcggagccgg	aaggggacgc	tttgggaatg	accatgctcc	600
accgagggac	ggagccggcc	cccagcttct	ccacacagag	cctcctccac	taacgctcca	660
aaaaccaaaa	accgtaattg	ccagaagaag	cgtaaataat	ctattccagc	actaacc	719

```

<210> 524
<211> 1442
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (542)...(1417)
<223> similar to gi5824812 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 524						
cgggggg	ggtggtg	ccagccgg	gcgacctcag	cctgcggcgg	ctaactgccg	60
gtaggcgtct	gtgtgcgcg	ccaagtcggt	ggggcgggga	cgcgaggtgt	ggatgggggg	120
tcgccttgac	ctctgcctca	gccagtagcg	cagtctcggc	ctcgccggtta	cggagatggt	180
gccctgggtg	cggacgatgg	ggcagaagct	gaagcagcgg	ctgcgactgg	acgtgggacg	240
cgagatctgc	cgccagtacc	cgctgttctg	cttctctgtg	ctctgtctca	gcgccgcctc	300
cctgcttctt	aacaggtata	ttcataat	aatgatcttc	tggtcatttg	ttgctggagt	360
tgtcacattc	tactgctcac	taggacctga	ttctctctta	ccaaatata	tcttcacaat	420
aaaatacaaa	cccaagcagt	taggacttca	ggaattat	cctcaaggtc	atagctgtgc	480
tgtttggtg	aaagtgaat	gtaaacgaca	taggccttct	ttgctacttg	aaaactacca	540
gccatggcta	gacctgaaa	tttcttccaa	ggttgatgca	tctctctcag	aggttcttga	600
attagtgttg	gaaaactttg	tttatccgtg	gtacagggat	gtgacagatg	atgaatcctt	660
tgttgatgaa	ctgagaataa	cattacgttt	ttttgcatct	gtcttaataa	gaaggattca	720
caaggtggat	attccatcta	ttataaccaa	gaaactatta	aaagcagcaa	tgaagcatat	780
agaagtgata	gttaaagcca	gacagaaagt	aaaaaataca	gagtttttac	agcaagctgc	840
tttagaagaa	tatggtccag	agcttcatgt	tgctttgaga	agtcgaagag	atgaattgca	900
ctattttaagg	aaacttactg	aactgctttt	tccttatatt	ttgcctccta	aagcaacaga	960
ctgcagatct	ctgaccttac	ttataagaga	gattctgtct	ggctctgtgt	tccttccttc	1020
tttggatttc	ctagctgatc	cagatactgt	gaatcatattg	cttatcatct	tcatagatga	1080
cagtccacct	gaaaaagcaa	ctgaaccggc	ttctcctttg	gttccattct	tgcaaaaatt	1140
tgcaaacct	agaaataaaa	agccatctgt	gctgaagtta	gaattgaagc	aaatcagaga	1200
gcaacaagat	cttttatctt	gttttatgaa	ctttctgaaa	caagaaggcg	cagtgcacgt	1260
gttgacggtt	ttgtttgact	gtggaggaat	ttaatgatag	aattttacga	ccagaattat	1320
caaattgatg	aaatgctgtc	tcttcatgaa	gaattgcaga	agatttataa	aacatactgt	1380
ttggatgaaa	gtattgacca	aattagattt	gatcccttca	ttggtagaag	agattccaag	1440
aa						1442

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<210> 525
<211> 569
<212> DNA
<213> Homo sapiens

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<220>  
 <221> misc\_feature  
 <222> (6)...(569)  
 <223> similar to gi5305335 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 525  
 gtcgacccac gcgtccgccc gactctgaat cccgggaggaggaggagacc cgcacccgcc 60  
 ccctccccag cgtgtaagtgt gctctgctat tgtgcgtccc tggaaagtggg gaccccccttg 120  
 tccctcctcc ctcccctgtt gtctggccgt cgtcaacccc accttgactg agtggtgagc 180  
 ccgtccttgg gctctgggtcc ctgcggggca ggctctcccg ggcccacggg gcggacgctg 240  
 cataccaatt tgccctgcac cgcctgtccc ggagacggag cccgaaggcc tgccatggcg 300  
 gctgtgtcga ggatgcgtgg cgcctgccgt ggcgggacag cgtgggcagg ctcatctctg 360  
 cccccaaccc ggccccagg acaggtcagc gcgccctgcc ccggtgcccc ccgctgcccc 420  
 ccattccgccc tcttgccact tgcccctgac cccctgccg tgccctccgc agccctccca 480  
 tgccgttcca ctctccctg cctctgagcc gaacatgata ataaaagcta ttattgagcg 540  
 cttactgcat gccaaagtaaa aaaaaaaaaa 569

<210> 526  
 <211> 875  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (525)...(876)  
 <223> similar to gi4185940 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 526  
 ccacgcgtcc gaacaattat acttactggg catatctatc aatttttttt ggcaagaatg 60  
 cctggatgta atcactctat gacacagtta cacatgcttt ctgatctcag tatttaccat 120  
 gataaatctg ctccataaat tgaggcatat cgcctcaaa aacctatctg taaacaggat 180  
 tggacccagt cagagaaaat gaacgtacat gtttggaag attgcattgc agaacaggca 240  
 ggggtgctgg caacgattcc tatggaatca ttattgattg atcccctacg gggatgttta 300  
 gcttgaattg cacctctcag tctgtgtgcc acggccccac tatgttcagc tggctctgaac 360  
 aaaatggtca gatggtagaa atgataagaa atacggcaag aattcctatt atctggaacc 420  
 atggcggtgt agtggcacct caacctcaaa tgatatggcc cttttagga gctaaacata 480  
 aggatttgtg gaaactgtta atagctctta ataagatcaa aatttgggaa agaataaaaa 540  
 agcatcgaga aggacactct acaaaacttg ctttgatat taaaaatta aaagaacaaa 600  
 tatttaaagc atcccaggta cacctgacct taatgacaga aactggagt cttgaaggag 660  
 ctgcagacag attagcagct agtaaccat taaaatggat aaaaacactt ggaagctctg 720  
 tgatttcaat gatgattgtg cttttaatcg gtattgtttg tctttgtata gtgtgcagat 780  
 gtggatcctg actcctgtga gaagtagctc acagtgtcaa aagctgcctt tgcttttatc 840  
 gatttgcaaa tcaaataagg gggacatatt gggaa 875



```

<210> 527
<211> 831
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(832)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (211)...(833)
<223> similar to gi4455041 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 527
ggaagtcgcc gntttttnnn nccatgattt ccctactcag tgnccnggaa ttcggttggt 60
gtgaggatta aatgaggtag aaatatggca agtgcttana agcaagccag gtatatggtg 120
ggcactcaat aaactgttgc aaaggtgatg atctctgtat cagcactgcc cagcactagg 180
tctgacctgc ggtagcaatc agtgcaggtc cctgtcgagg gaacacaccc cagcctctag 240
tctggagagg cccgtggccc accagacaac ccctcgctga gcagtagctg gagccactgc 300
ctcaaccca cagccctgcc ctggtcctgc caccaagaca ctactcacgg gaaggtagat 360
gcagcaaagc agagaatgga gatcaagccc aggccacgc tggcctcgtc ccagccgtcc 420
tgggcacatt caccacaacac atcccatatc cactggatgg agccactggg gcagctggag 480
aagttgcggg agcccgattt cttccagacc atggctgtgg aggagggggc cccggccagg 540
cagggctgca ccggaggagg ggcgctggtg ttctgaggcc agcaagggtt cctaagcacg 600
gcgtgggagg aggcagtgta ggccctcggg ccctgcagac ctggggagat tgtggaggga 660
ggagcgtccc agctcggggc taccaccac tccaggcctc ggcgtcctcg gccacagctc 720
cctcctggtg actcagcccg gcgcggggcc ccacgtccag atccgccgcc agggcccagc 780
ttctgggtca aggcccgccg ggtcagctga ccgcgcgcca ccgccccgc g 831

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<210> 528
<211> 439
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (19)...(414)
<223> similar to gil90504 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```



<223> similar to gi600118 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 530

tctctgaact	tcttctttta	gtgtcttgaa	gccttcgtgt	acgtcccca	catcagatgc	60
ctggataagg	atgaccttct	cctctcctga	cttttctcca	ggagggaagg	tttgcattgt	120
atcattgcag	atatgtggaa	tatccactc	atctttgcct	ttgaccatca	gctgtctcac	180
tcgaaaggcc	aggacgcagc	ccttggggat	ggttacagcc	tccttgtgat	ttatggatcc	240
ctgtagcccc	aatggggcga	agaaggggag	ggagaagcag	gcctctgcct	tgccggctcg	300
ctccagtgtg	acctcctgca	ccgtctccac	cacctccatc	accacataca	ggttctcccc	360
ttgatcttgc	atctccttca	ggaatgggtg	gtctgctgcc	agcttcctct	tctgcaagggt	420
ctccagggcc	ttggcagcca	cactgagtgt	ctggccctcc	agagtgtgtg	tctgcgagag	480
ccctgccgtt	cccttcacct	taccgtctt	tggtagatcc	acatctccca	ccactcgggt	540
gtccagcata	ttcttaaagc	caaaattccc	agtgtctgtt	gggtctgaag	gtgagcagcc	600
gggtcaagc	acatccagca	gtgtgtagtc	ggtagcgagc	taccggggcc	cccagaagag	660
cgtgtcttct	ctcttcctca	gctccaggca	gaagggatgg	aagcgcttga	agtcgatgag	720
gctgtcaagt	gggtgcaggt	ccctcgagg	gtttagctgt	ctggccaggg	cccgggtgac	780
atcttcaaac	atggtcattg	tctctgggag	cggggctggg	tcctatccag	cagctgggtc	840
tgccgtgagg	gcctagggct	cactg				865

<210> 531

<211> 957

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (593)...(941)

<223> similar to gi5174770 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 531

agtaaaggga	agatttagga	tgccgttttt	caagggaag	ttaagtctag	acatgcttct	60
ttgaaagtca	caaggcagaa	ttggtcaaaa	gccagaattt	taaaaggaa	ccaaaaccaa	120
atatcataag	cttgtccttc	tcttcctaac	tgggatataa	aattctccta	agtatctcat	180
cgaaaaggct	ccttgggacg	aaagtcgatg	ggggcaaata	tttggaggga	aatttcgtga	240
cttgtttgac	catggactta	attaataccg	ttcacctgta	gagaggatgc	acttgggtcc	300
cagcgccctc	ctcccagcac	aggccgctgc	ctcagcatcc	accccgagc	ccacgtgtgg	360
caagccgggg	aagggtgga	gtgaacggcc	ggagaccacg	tggagaaagg	ggccgctttg	420
gcccttccat	ctgggtgccc	ggagccccta	ggccctccgg	ccatggccga	cagcgccgat	480
gctggcagct	cgggcccctg	gtggaaatcg	ctcaccaaca	gcagaaagaa	aagcaaggaa	540
gccgcagtgg	gggtgcccgc	tcccggccag	cccgtctccg	gggagcccac	gccacctgcg	600
ccgcccagcc	cggactggac	cagcagctcc	cgggagaacc	agcaccacca	tctcctcggg	660
ggcgccggcg	agccccccaa	accagacaag	ttatacgggg	acaaatccgg	cagcagccgc	720
cgcaatttga	agatctcgcg	ctccggccgc	tttaaggaga	agaggaaagt	gcgcgccacg	780
ctgctcccgg	aggcgggcag	gtcctcgag	gaggcaggct	ttcctggtga	ccccacagag	840
gacaagcagt	agccccaaata	gcctgcgcgc	tccaggactg	cctaccacagc	actaccccaa	900

acccccagtt ccaaaccga gacttcaggc ccgccccctt acgcgttgtc tcattcc

957

<210> 532  
<211> 1069  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (41)...(1069)  
<223> similar to gi485096 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 532  
gttcttcctg cagccacctc ctgagcctgg agccgctccc cgacttcttc tcttttctcg 60  
ccttgccct tttgtgcatc gagagggcac cctgggccag caggcccgtg atgccctact 120  
tcttctcatg gctttgtcag ctgggagccc cactgtgggc cgctacatcg cggatcactc 180  
ttacttctgc ccggtgctgg ccacagggct cagtgccttg tactcatcac tgcctcgaaa 240  
gattgaggtt ccaggggatg attggcactg tctgcgacgg gaagactggc tgggagtggc 300  
agcccttgca ctcttcatga gttccctgga gttctgcaat gcagtaattc aggtggctca 360  
ccccctgggt cagaagcagt aggttgatta tatccataat gggttcctgg tgctgtcat 420  
gggtcctgcc ttgcacaaga cctctgtgga ggagatgac gccagtaccg cctacctgga 480  
acttttccta cggagtatct cagagcctgc tttgctccgt accttctgc gattcctgtt 540  
gttgcaaccg catgacaccc acaccatcct cgacaccctc gttgctcgta ttggcagtaa 600  
ctcccggtct tgcatgggtct ctctgagtct ctccaggacc ctctgaacc tcagctgtga 660  
ggatgtcctg ctgcagctgg ttctcaggta tcttggtcca tgtaaccacg ttatgctgag 720  
ccagaagccg gctgttcgtg atgtggacct atatggacga gcagctgaca agtttctctc 780  
cctaattcca cgtgttggtc ggcaccacgc cccagccca cctcgtccag agcatgcctc 840  
atgggcacga ggtgggccta gcagagagac agggagaagg gaggacatca cgggtcctgg 900  
aagcccaagt gtggactcct cttctgtgat gacagtaccg cggccctcca caccatctcg 960  
tctggctctc ttctgcggc agcagagcct ggggtggctct gagtctccag gccagcccc 1020  
ttgctacca gggctttctg catccccgc ctccagccct ggccgacgg 1069

<210> 533  
<211> 514  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(515)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (514)...(0)

<223> similar to gi2429362 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 533

tttttttttt	ttgagtgtgg	ccctggctat	tttattccat	gtgctggccc	tggggaccca	60
gctgggccag	gtcgacgccc	ctggggagac	agtgtggctc	ggccagcctc	agtggcttct	120
ttgggggtgca	ggagggtttt	ggggttaagg	ctggggagga	acaggaagta	aagtgtctgc	180
aggggcccctc	ggggcttggc	cccagccacc	ctccctgctc	cggggcgggc	cagaggccgg	240
acacccctgg	gctgtgcaaa	caggactctc	cagggccagc	ccaggcctgg	gtgaggggca	300
catactggct	ggcagggcatg	gttcccaaca	cccgcagcca	cggaggctct	ggcggggctg	360
ggggcccggga	tgaggggtga	gtccagaacc	gattgtccgc	tgattgtctg	cttgtctggt	420
tcgtggctgt	gtcggctctt	cccggtatcg	gggcctgctg	cccgccttct	gggggctgcg	480
gacgcgtggg	tcgacctnna	attccagagc	ggtc			514

<210> 534

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(717)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (675)...(6)

<223> similar to gi3417297 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 534

ggggccgcag	tccgtgcaca	cgtggcgccg	ctggccggcc	tgagcatcca	tgctgggtat	60
gggtgccggg	ggctgtgctc	ctgtggctcg	gtcccaggca	gcatttttgg	gtggctgtgc	120
ccgtgccggg	gccacgctaa	tagctgggtc	agggttgcgt	tccaccagca	cttcaggact	180
ctccttcaca	ggagcctttc	taggcccttt	ggctcttggg	acttcctccg	gttcctcttc	240
cttctgtttt	gggacatctc	ctctccgagc	tcctcccagt	ctttccccct	tctcaggatc	300
ctgggcggcg	gggctccaag	cctcactctc	ctgttccatc	caagagatga	gggctggttt	360
ggggcctggg	aatcctggga	gagaacaggg	atcacagcgc	gggcctgaga	ggccatcgtg	420
ggaagatggc	attcccctcc	aggctgaggg	cacccctcgc	gagcttatac	tcaacctgga	480
aggggctgca	gtgctgctgc	ctgaatgaaa	tggatgcggg	tgaaaacact	cccgaggggg	540
tacctgaagc	cctgggaacg	ggagggtggc	gctgggtgtt	gtgcaagagt	gcgggattag	600
ggctcacagt	cctctcggnc	cttctacatc	atctcccctg	tgaaccagct	gaaagaagag	660
gggctcggac	ccgggctctc	accgagcgcg	cccagggtggc	cgtaggtctt	ctgcat	716

<210> 535  
 <211> 623  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (263)...(625)  
 <223> similar to gi5738610 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 535  
 gtgtgaaatt ccattggatt actgaatcaa gtaagccata aaagttaaac ccaagtgaaa 60  
 ctagataatt gtgcaatttt cttagatgga ctcccttctta agttcacctg gctctctact 120  
 ggggaccaaa tcttatatct ctcaattatg tatgcaaact ggaatcacct gaaaatacgt 180  
 ttaaagacaa aaattgcagc agagaagcca gggaaggggt agagtggatt cttccagcac 240  
 atgagtgcac atgactgctt ccccttctca acaggggcca gagcctgccca ggacctcaaa 300  
 gaggagagct tcagaggccc agctgacata ctaggcatag gggccaaaga gtctaccttg 360  
 agaaagggtt ttatatctca aatttgaccc actcttgaat gacagctcta agaaattggc 420  
 ttctcaggaa actgagacaa acagcatctg tgatgctacc atgccttcct taggaagtcg 480  
 gcctgaagca aagccgggtg aatctgattt ctacgcgactc cgggtgttcg tgttcctgtg 540  
 atagggcctc ccttatgtgt ccattggccc cattgtggat atactgcagt ttagccagaa 600  
 agacctggat gtggagggtta aag 623

<210> 536  
 <211> 428  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (46)...(383)  
 <223> similar to gil004363 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 536  
 tctgcactct cagggtattcc ctgctcttac tccaaaaaga tggaccacagg tccgaagggg 60  
 cactgccact gtgggggggca tggccatcct ccagggtcact gcggggccacc cctgggcat 120  
 ggcccagggc cctgcgggccc accccccccac catgggtccag ggccctgcgg gccacccct 180  
 ggccatggcc caggggtcctg cgggccacccc cccaccatg gtccaggggcc ctgcgggcct 240  
 ccccctggcc atggcccagg taccacacccc cctgggtccac atcactgagg aagtagaaga 300  
 aaacaggaca caagatggca agcctgagag aattgcccag ctgacctgga atgaggccta 360  
 aaccacaatc ttctcttcct aataaacagc ctcttagagg ccacattcta ttctttaaaa 420  
 aaaaaaaa 428

<210> 537  
 <211> 738  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(739)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (279)...(726)  
 <223> similar to gi2197085 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 537  
 caatttgatg tatttgagtc agcattcaga aaattttaa at gattttattc acaaaagatn 60  
 ttctgagtc cctttggcaa attcccaatg atacacgatt aattcaataa atttctacaa 120  
 gcaattattc attccaganc cataaaaactt ctaagatgga atttgcaaag caatgaaaca 180  
 gtcattttac attgtgtact gcactacaca gattgctttt tatatttatg aagttttaa 240  
 gcagggaata agtcaatatt taactaaaaa atggattcaa aactaaccaa gtctggcata 300  
 aggacagaaa tttagggtgag tggaatagaa ccaagaatct agaaataaac ccatacatct 360  
 atggtaattg atttctaaca aagttgcaa gacaattcaa tggggaaaga ataatctttt 420  
 ctatatatag tgctgggata atatctcata tcaaagaatg aatttggact cctaccttac 480  
 atgtacctca catatataaa aattacttca aactggatca aagatctaag tacgttaaga 540  
 gctaaactat aaacttttta caagaaaaca taggtgtaaa tctttgtgat tttggattag 600  
 ggaatgattt atttgatatg acacttaagc attagcaacc aaagaaaaaa atagataaag 660  
 tgaacttcaa aatgaaaaac ttctgtgtgt caacagacac aatcacaaaa gtgaaaagac 720  
 aagagaatgg gagaaaat 738

<210> 538  
 <211> 419  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (53)...(417)  
 <223> similar to gi2981631 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 538  
 aactttcacg gggccaaaat tttaatcttg atggagtcca acttcagttg acccaagcag 60

aaggaacgaa	ataataaata	ttagagcaaa	aataagttaa	ataaagaccc	caaaaccaat	120
aaaagaaatc	gggtcaagcct	aaagtgtggt	ctgtgagaat	agcaacagaa	ttgacagaaa	180
cttttagctg	ggccaaccaa	ggaacaaga	aagaggggtg	agatcactgc	agttgggagt	240
gaaagagaca	ctagctgacc	ttccagagat	aaaggctgta	aaggaatact	acgaacagct	300
gcatgccgaa	aattaataac	ggaggtgaaa	tgaacaaact	cctgaaaaga	caaaagctac	360
caaaactgac	tcaagagaaa	cacagacaac	ctgagtagac	ccacagaaca	gcaaagaca	419

<210> 539  
 <211> 2369  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (170)...(2291)  
 <223> similar to gil86774 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 539						
atacagagat	gtgatgctgg	agaactataa	gaatctagtt	gcagtagatt	gggagagtca	60
tattaatacc	aaatggtcag	cacctcagca	gaattttttg	caggggaaaa	catccagtgt	120
ggtggaaatg	aattcagagt	aaaagggaga	atctcaatga	aataaatttg	gaaaacttct	180
atgaaccatc	attaattttc	accaacagga	gagaaacctt	tttggagagg	aactgtttga	240
ctttaaccaa	tgtgaaaaag	ccttgagtga	acactcatgc	cttaagactc	acaggagaac	300
ttactttaga	aagaaaaact	gtgagtgtaa	tcaatgtgaa	aaagccttca	gaaaaccctc	360
tatctttact	ttacacaaga	aaactgatat	cggagaggaa	cttcctaact	gtaatcaatg	420
tgaacagacc	ttcagccaac	atctacatct	tgtttgcaag	aaaactagcc	aaaatctaca	480
tcttgtttgc	aagaaaactc	acactcaaga	gaaaccatat	aaatgcagtg	actgtgaaaa	540
aggcttacct	tcctcctcac	acctcagaga	atgtgtaaga	atttatgggtg	gagagagacc	600
atatactcat	aaggagtatg	acgaaacctt	ttctcattct	acagcccttt	ttgtacacat	660
gcaaaactcaa	gatggagaaa	aattctatga	atgtaaagca	tgtgggaaac	ccttcactga	720
gtcgtcatat	cttactcaac	atttaagaac	tcatagtaga	gtgttaccta	tagaacataa	780
gaaatttggtc	aaagcctttg	ctttttcccc	agatcttgct	aaacatataa	gacttagaac	840
tagaggaaaa	cactatgttt	gtaatgaatg	tggcaaagaa	tttacttggt	tctcaaaact	900
caacattcac	ataagggttc	acactggaga	aaaaccgtat	gagtgcaca	aatgtgggaa	960
agccttcact	gattcatcag	gtcttataaa	acacaggcga	actcacactg	gagaaaagcc	1020
ttatgaatgt	aaggaatgtg	ggaaagcttt	tgctaactct	tcacatctta	ctgtacatat	1080
gagaactcac	actggtgaga	agccttatca	atgtaaggaa	tgtggaaaag	cctttattaa	1140
ttcctcttcc	tttaaaagtc	acatgcagac	tcaccttggt	gtaaaaccct	atgactgtca	1200
acagtgtggg	aaagccttca	ttcgatcctc	atttcttatt	cgacatttga	gaagtacacag	1260
tgcagaaagg	ccttttgaat	gtgaggaatg	tgggaaagcc	tttagatact	cctcgcacct	1320
tagtcaacat	aaaagaatac	atacagggga	gaggccatat	aaatgtcaaa	agtgtgggca	1380
agccttcagt	atctcatcag	gccttacagt	acacatgaga	actcacactg	gtgaacggcc	1440
ctttgaatgt	caggaatgtg	ggaaagcctt	tactcggtcc	acatatctta	ttcgacatct	1500
aagaagtcac	agtgtggaga	aaccatataa	ggaatgtggg	caaaccctta	gtaattcctc	1560
atgccttact	gaatgtgtgt	gaattggggc	tgatacttgg	aaagaatgtg	gtaaagccac	1620
tacttctca	cacttactga	acatgtactc	attcatagt	gcaatgtaca	cagtacataag	1680
gaatgtggga	agccttcctt	ggtgtctcag	atcttaacaa	ttccaataga	agagaagaca	1740
tatgaatgta	aggaatgtgg	gaaaatcttg	gctccttcca	taggccttac	tattcatgtg	1800
tctgtgcatc	ctaggaaaca	aactgaacgt	aggaaacctg	tcgatgctta	catcttactg	1860



```

agtctgtttg aactcatgct ggagagaaat gctatgaatg tgaggaaggt ggaaaagctt 1920
tcattatttt cctcgggcct tactgagctt gtgagcacat tggatataaa tgcacgtcct 1980
ctggctgtaa ggaaatgtgtt gaaacctttc actctgcctt ataccttaat attcagctgt 2040
gatctcacia gtgtgaaaaa tcttatgaat gtaaaatgtg tggagattct tctttgtttt 2100
tagcttccac tttgggaaca tgtcaaaagca cacattgaga agtcccatga gtgaaagaga 2160
tgttggaaaag cccttgaact tggtcgttag gaaacatcca cactgaagag gaacctgact 2220
gtatggaaagg tcaaaaaggc tgtattaatt tacatgcaaa aagtcacact agaggaatgc 2280
catatcagaa tgcttttggg aaatatacat gttttaaaga ggttatatat cattaataaa 2340
aatatctagc tggctctgaaa aaaaaaaaaa 2369

```

```

<210> 540
<211> 2784
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1467)...(2784)
<223> similar to gi2065210 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 540
tgggtccctt tccactcaag agttttattc caatatattg aacctggcct ggagcttagg 60
gctttataga gtgggagggg ggcagtcctc caaaagatgc ggactcttgc cacatggaat 120
ggtggagtag ggaaggggtg aaaggggttg gtaggtaaag cctgaagatg cttctaagac 180
acgtgctgtt ctcccatctc acgtatgacg actctcccac aggtaaccaa aaccacattt 240
ctctctgctt agggaattca agatcatatc taacttcgaa ttccaggggt aatgacgcgg 300
cttctattct ccaaagtcca gtgtcattag ggataatctc cctctttcag ttttatcaca 360
attccatttt gaaattctac aacctgtaga ttaactggta aaattaacca tattcaacca 420
aaattgtata acccagcaag aatggaagaa tgggtaaagt ctacagtcca tttctagaac 480
tggtcatgag aactcatgtt tatgatgatg gacttttgat ctgggtggagg gacccaaacc 540
ttcagttctg aagctcatta gtggctctac ctgtgtgaca ggcatttact attggactgg 600
cagtcocagg acaaactcca ggaatcccc catgtccatc tctactcctg ccctctttta 660
cgtagcagca atcatatttt cccttgatag ggttcatcat tctagatact ccgatgactt 720
ctttataatg agcctgaagt ggcctgggtg ctgcctcagc ttccagttca gttgaatagc 780
tactacgtct ttgaggatgt gtccttgctt gggggactaa actctccacg ccagcccagt 840
cccaaacctt aacctcgggt atgagaaaag cattgagatc tagcaatagc agggccatgt 900
ccacactgag tccatccctt gaaggagaaa cagcgccagg tatggttgcc ggctccaagc 960
gcatgctgcc tccctgcaggc ctgacccagc ctctcggggg gttgtttctg gtgccatagt 1020
tgaattttca acaaaccatt tcaccacctt ctcaagacag ctgctgctgg tttgtgggtt 1080
cctgacaaga tgagtgaatg cctgcccac aaccgcgttac tcttctttta gctgtaaagt 1140
gaattctctg gttgggtgca gtatgtgagg aggtcacatg atgtttatgg catttgagaa 1200
ttccatggat attgatggca ggagaggcat gatgggttag aaaagcaaat ccaaatccag 1260
aacaagggcc caaaagggcc aagacaaatt actgcccctc tcagagccac aggtgtagac 1320
aggtgaaaac actggacagt gagttagcta cccacacacg acccactggt gccttcagag 1380
ccttagcctg gagcgacagt gtaccgttga taatggaacg cactggccat gccagacttt 1440
atggctaggc ggtcagataa cactacgagg ggcagcatgg ccaccaagtg tgccagggcc 1500
aagtgttcag gctctcccag agcccagtgg tgagccagaa gggcattttg tacaaggata 1560
atggttactt tttggccaga gcatcacttg gctccaaatc ctgggttccc gtatcatatt 1620
ttcttgtcag gacttaccgc aagctatgta tggctccgcg gtatgccacc catggaaaga 1680

```

cacctcatgc	accattgacc	tgccagggtca	cgtaggcctga	tggcagcgtc	ggctgcacaa	1740
aagactttcc	cagctgcaat	gccttcgcct	gctctaggcc	caccccaaag	ctggcagtct	1800
tctagggtcag	ttggtaaatg	ggttagaaca	agatgcccc	aagtggcata	aattgcatgg	1860
aattaggcct	tagtggcgag	ggattcgaca	tacagtcatt	tgtcctacat	tgtgaaggaa	1920
acattctgac	ctcaaacaga	tccctcaacc	ccagaacttt	atagaagggg	cagaccttgg	1980
cattttcaca	tgatttatct	cccactctga	ttcacatatg	tttgaccaag	gcactgggca	2040
gctgcccaatt	tcccgtccct	tctgtagtcc	cagatgaatg	gatacagacc	tctttgggga	2100
aggctgcaag	gaaggttcac	aacatgcatc	taagtgttaa	aataagtttt	tccttcaaaa	2160
atacatttga	cttcctctcc	atttaagggtc	tggaaatcaa	gtgggagatc	ttgactttac	2220
cttggcactt	gagacagaac	tggtggcccc	gaagtcctta	gttaagggtca	ttactaggcc	2280
atatcttagg	ggcgtctggc	ctttttcatt	cctgggaccc	acagctcgag	gtctggtttc	2340
catgccctat	cccttacgat	gagcgcctta	ttttgttcct	tctgtctatc	tctgttgctg	2400
agatcaggga	ccccacgttc	acagcagctc	tttcaagcag	cctcccaggc	ctagagagga	2460
aatcagcag	agcctcgtga	atgtatttct	cgtggcaaga	aggagagctca	tcttctgggt	2520
cctgccagag	ggcagtgagg	gggttgatgg	gctgggtgca	tgccagggac	ccaatcaagc	2580
atttttatct	tctgaaatct	ttgaattcct	gcctttcttg	gatgtttggg	cttttgatat	2640
aatttagcat	gggccaacat	ttgggtccaga	tttgtattag	ccaagccctc	ctaaaatagt	2700
aataacagta	tctggcgatt	tgagctttta	cgtagaatgt	agaatctctg	gtgagtgaac	2760
atatcaataa	agacaacctg	aacc				2784

<210> 541  
 <211> 444  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (10)...(446)  
 <223> similar to gil81400 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 541						
ctcacgcgtt	cggggtatgga	ggagcatcac	agctgttaca	gtgacccaga	gcctcccagag	60
tccccttaag	ctggatgtgc	acaccaacac	ccaggctgta	tgcaccccgg	agaaattgca	120
gatcaagacc	ctaaacaagt	ttgccccctt	cactgagaag	gtacccttcc	tggagcagca	180
gaacaagata	ctggagacca	agtggatcct	tttgacgacg	caaaaagtag	cttggagcaa	240
catggacagc	atgtttgaga	gctacatcaa	caacctaaag	cagcaactgg	acacactgag	300
ccaggagcag	ctgaagctgg	aggcagaact	tggcaacatg	gagagaccag	tggaggacta	360
tcagaagtgt	gaagtttaaa	taaccaagcc	tacagagatg	gagaatgaat	ttgtcctcat	420
caagaaagat	atgaatgtag	cttc				444

<210> 542  
 <211> 775  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (8)...(759)  
 <223> similar to gi5305335 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 542  
 acgggccccca gtgccctgc tggagccggc ggtgggcacc tgcggaagct gattctcccc 60  
 acaccccgat gcaaggga aa cgtccgcctg gaagcctggt cgctcctgct gctcttgtga 120  
 aagcgccccca gggagcgctg tgtccctcag gcactgtggt tcctctcccg cgcgcagctg 180  
 tccgatgtgt cactgtctgg ttcaaagtca ccgaggcctg tgccctggct tctcacgcag 240  
 caggcagcac agagatcccg gctgcaggct ccaggcagcc ctgacagcag tggagaaagg 300  
 atggggcgga ggtgaaggca cccggtggt gtccccgtca gctcctccct gaaccagccc 360  
 tcacatgtc aagtgtgcc ctgccctgcg gaagccgcag ccagcgccgg gccggcccat 420  
 cttgcgaagc acagttcagg aaaaaggccc aagttccgca ccttctccaa ggatctgggc 480  
 gcagcttcaa ggccgccagc gagggccctc agcagggtca gctctggggc ctcagccctc 540  
 cctgtccctc ctgttcgctc cccgccagc tccaacgtcg cccctggga aatcttcatg 600  
 ccctggcaca cgcacgggtg cctccgcggg cttcagtgcc ggtccacacc cttccgctac 660  
 gccctggcgt ggggttcgcc aagcgcaaa agccacgtct ccccgcggt gagcaccaca 720  
 gctgaagagg caccacgcac tgctgtgagc tatcagcttg tgcagtttca gcgcc 775

<210> 543  
 <211> 691  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (120)...(691)  
 <223> similar to gil072250 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 543  
 cgggcttctt ttcttgaaag tggatgaagg acagcatata gctgtatgga agaaacagta 60  
 atcgatggc taccttctac attttgtatt aggaaacaaa gtccattgta agagtccatg 120  
 ttgatcttgg aatagaagg attgaaaaaa gctaaatttc cacaagaac aagaacttga 180  
 ccatctcctt tttgatctga agactagggg acaatggata tcatagagac agcaaaactt 240  
 gaagaacatt tggaaaatca acccagtgat cctacgaaca cttatgcaag acccgctgaa 300  
 cctgttgaag aagaaaacaa aaatggcaat ggtaaaccga agagcttata cagtgggctg 360  
 cgaaaaggca ccaaaaagta cccggactat atccaaattg ctatgccac tgaatcaagg 420  
 aacaaatttc cactagagtg gtggaaaacg ggcatgacct tcatatatgc agttttcaac 480  
 ctgctcttga caaccgtcat gatcacagtt gtacatgaga ggggccctcc caaggagctt 540  
 agccctccac tcccagacaa gttttttgat tacattgata gggagaaatg ggcattttct 600  
 gtatcagaaa taaatgggat tatattagtt ggattatgga taccacagtg gctgtttctg 660  
 agatacaagt caatgtggga cgcagattct g 691

<210> 544  
 <211> 670  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (30)...(471)  
 <223> similar to gi2570933 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 544  
 gtcgaccac gcgtccgccc acgcgtccga cggcacctat cgtcaccact ccagtgacaa 60  
 caagaggtgg aggaagaaga tcatagagaa gcagccgcag agccccaag cccctgcccc 120  
 tcagccgccc cccatcctca aagtcttcaa ccggcctatc ctctttgaca tcgtgtcccc 180  
 gggctccact gctgacctgg acgggctgct cccattcttg ctgaccaca agaaacgcct 240  
 aactgatgag gagtttcgag agccatctac ggtgaagacc tgcctgcca aggccttgct 300  
 gaacctgagc aatggccgca acgacaccat ccctgtgctg ctggacatcg cggagcgcac 360  
 cggcaacatg cgggagttca ttaactcgcc cttccgtgac atctactatc gaggtggggc 420  
 cccgggctgg gcaggggtgc cacgggggct gatggagacg ctgtcctttg cttgtctgac 480  
 tcctgagact tttgatctgg gcctaagtgc cagcatgtac ccaggacctg acaaatggat 540  
 ggatggatgg atggatggat ggatgcatgg atgcatggat agatcgatgg atgaaggaac 600  
 ggtaactacc ccttccaact ttgtttcgag tttcagaata gaagattcca ctgggtgcgg 660  
 tggcttctac 670

<210> 545  
 <211> 522  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (22)...(478)  
 <223> similar to gil335196 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 545  
 atgtctggcc aaataatggt ttttaataata atgattattc ccagaaataa aggttatttc 60  
 agaatgataa aggggtcaaa taatcaagag gacaaaactg taaatgtttc tgcatctaata 120  
 aacagtgcct caaaatacag gaagcataaa cagacagaat tttaaggaga aagagaacaa 180  
 acccataaca atcattgcag acttcaacac tccttttctca gtaatcacta gaacaagcag 240  
 acaggaaatc agcaaggata gggaagacct taacacgacg aaccaacttg acctaattat 300  
 tatttatgaa acactttacc taaaggcagc agaacacatc tttcctatta caaactgaac 360  
 attgacctaa acaaacaatg tttcaggcca tatacaaacc tctacatttt tttttaattc 420

```

atcataacga gtatgttccc taaccataat ggaattaaat tagaaaccaa caacaaagat 480
gtctgggaaa tccctaaacc cacgcgtccg cggacgcgtg gg 522

```

```

<210> 546
<211> 1629
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (15)...(1629)
<223> similar to gil017722 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

001210 " 546/1629

```

<400> 546
accgggttag agagttttca gaccttactg cccatttttt attccatagt ggagagaaac 60
cttatgaatg taaagaatgt ggcaaagtct tcaggtacaa gtcttctcta accagtcatac 120
atagaattca tactggagag aagccttaca aatgtaacag atgtggcaag gtcttcagtc 180
gcagttcaaa cctggtatgc catcagaaaa ttcatacagg agaaaagcct tacaaatgta 240
atcaatgtgg caaggtcttt aatcaagcat cataccttac aagacatcaa ataattcata 300
ctggagagag gccttacaga tgtagtaaat gtggcgaagc atttcgaggg tgttcaggcc 360
ttactgccc tcttgcaatc catactgaaa agaaatctca tgagtgtaaa gaatgtggca 420
agatcttcac tcagaagtct tccctcacca atcaccatag aattcacatt ggagagaaac 480
cttacaatg caccctgtgc agtaaggtct tcagtcacaa ttctgacctt gcacagcatc 540
agagagttca ttcatgagag tccctacaaa ctgtgtatgg caaaaccatc atcatgagtt 600
ctagcattaa tcaacatcag tgagtccata ctaagtggaa atcatataaa tgaaatgtat 660
gtgacacagg ctttatcaag gcctgccaaa tctctggaca tcaccacatc actgtggagg 720
atgaaagcac acagatgaat tgtgtgtact tgggctatta ttcaaggacc attgctatag 780
aacacgatag gatttacaca agaagtaact ctgtctctgg ttctctgata ctaatctatg 840
atattgcatg atgcagaata atgctaagtc aaaatatgtt gaatctcatg acctgatgta 900
tatcaaagg gcaacggctt gtaaatagacc agttttattc aggtataaaa gcattcaatt 960
atgtggggct tatagaaaag gctactttac tctttgtgac ttcgaaatct tttcatgtgc 1020
cttccataca ggccattcac tgtgtgtccct gggaaagaat cagtaggatg acagggctga 1080
cttcattagc tgaggattat ttctatccaa tttcctgatg aaggacattg ccttttgaga 1140
ttaaatattg tctgatttag agagcatgga ggtgggcaga gtaacataaa actgatgacc 1200
gtcatcatac tgttgcagtt agcacacttt ctcctgacat aagtgcacag agcttcagtg 1260
tccaccaact gaccatgaaa tagagtatgc tgtaatctta aggcataagg tattagtggg 1320
aagagagtaa taggttgcta gtgtctgatt atatggtaga aataatgcaa ggaaaaagg 1380
agccaccttc tccattgaac agcagtacct gctgttttagc aaagactgat gagaagtaga 1440
cttttttttt tttggaaata aagtctaatt ttgttgccca ggctgaaggg aagggggggg 1500
tttttggtta atgtgcccc cgcctcctg ggctaaagca gcctttttgc cttaccctcc 1560
taagaagctg aaactacaaa cgggcccccc cccccccagt taatttttgt ttttttagaa 1620
aagacgggg

```

```

<210> 547
<211> 732

```

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(324)  
<223> similar to gi2072951 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 547  
gtaaataaaa tagagaatag aaacacgata gagaatatca gtgatacctt aagatgggttc 60  
tttgtaaagg gcaacaaaat ttacaaacct ttatagctaa attgattaag aaaaaaagaa 120  
agactcaaac tattaagatc agaaatggaa gtgggatatt attactgatt ttacagaaac 180  
caaaaggatt ataagaatac tatgaacatt tgtacaccaa caagttggat aacttagatg 240  
aaataaacac atctctttaa aaagccaaac taccaaaact gacacaagta gaaatagaca 300  
atttgaatag acttataagt gaagaaatta gatttaatct cttgaccag ttatctgtgg 360  
atttttagtc ccagatagc ttttatgaat actgctcact gcttttcctg ccctcattcc 420  
atgttatgtg agatagagac aagcaagtc atccttcagg taccctccag ccagcttaga 480  
acggacatat acaataattt gcaataaaaa ctatgttccc tccagttcca taaagggaat 540  
tgggaactag gcttctgctg ctcaagacca acagtgtctg tgtacttagg agcagatgaa 600  
aggggtgaata caaactccaa aaaacgtttc tactgttttg aacatgaatt ctagggtgaac 660  
aggtttcatt ttctttcatt actataaaga tgtcactcca tagtcttctg cctttcatag 720  
tctaataaga ag 732

<210> 548  
<211> 530  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(531)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (1)...(407)  
<223> similar to gi854065 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 548  
tgtgactgcc tggcttttga gtttgtgtga taacatgtga gtgtgtccat ctggctgagg 60  
gaatcaaagt gtccacggcn atctagcagt gtgtgacggg tcctgagtgg gtgaacacgt 120  
tgacatttcc aagtatgtca gtgtttgtat gaatgggtct gtgaatgtgt ggggggttggc 180  
ttcccggagc acagtgggtc tgtgcgcctc tgtgagtaca cgtgtgtgta ctacatgtgt 240  
gtgtccgtgt ctgtgtctat gtatgggcag attaatcata atttctgttg gtgaatgtgg 300  
gtctgccagt ggtgcctgag tgtacatgtg tctgtggtat gtgctgtgcc tgcgtgcctg 360

```

gatccgagtg tgcattgtgtc tatgtgtgtg tccacacgtg tatggcagtg agagagactg      420
acccagtggt gcctgatgtc tgtgaaatcc acgcagctcc tcgtttaact ccattcttgcc      480
acttgtttgg ggtccacacc actttccttc gaattccacc acacggacta      530

```

```

<210> 549
<211> 775
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (20)...(727)
<223> similar to gi2623162 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 549
tgggtggaatt cgattaatac agaaaactgac atggcgatca agacaacagg atcgagaaaa      60
ctgtgctatg aaaggcaagc ataaagatga atgccacaac tttatcaaag tatttgttcc      120
aagaaacgat gagatggttt ttgtttgtgg taccaatgca ttcaatccca tgtgtagata      180
ctacagggtg agtataatgt atgtgatatg cttcttttga tcaacttttc tcccttcact      240
gatatgctgt tagagttgaa atctttctgc tttccagtaa tttgttttat ctctagtgc      300
atgaaagaat aaagacagaa ttcttcaaata ggaattttta taaaaataaa atagtattgc      360
cttcaaacgg gcacgttgaa tagatatgac actggctatt tacttttctt ttgtagttga      420
gtaccttata atatgatggg gaagaaatta gtggcctggc aagatgcccc tttgatgcca      480
gacaaaccaa tgggtgccctc tttgctgatg ggaagctgta ttctgccaca gtggctgact      540
tcttgccagc cgatgccgtt atttatcgaa gcatgggtga tggatctgcc cttcgcacaa      600
taaaatatga ttccaaatgg ataaaagagc ccactttctt tatgccataa aaatggaact      660
atgtctatgt ttcttttcga gaaatcgtgg caacataata attaggcagg ctgtggattc      720
ccggtggccc gatatgaaaa acaactggtt ggtccacagg tctgagaaca ttgat      775

```

```

<210> 550
<211> 1699
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (75)...(1570)
<223> similar to gi2920537 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 550
tttttttttt ttaaataaag cgtttattga ttagtagaag catgaacagt gtgcataata      60

```

ttttcaatac	aatatcaggg	agggatgatg	ggaacccctc	aaaaggcact	agaggcgag	120
atcttcggga	caagagggaa	gagatgcgcc	agagaccagg	gctggggcag	ctgggggtcc	180
ctgagtcca	ggcgccacca	cacgtcctgt	gggtcaaggc	ccctcctctg	gggagcaggt	240
ctacggcacg	gaggatgcag	ggctgggagg	ggacccacc	tcggggaccc	aaaaggagtc	300
catttcttgc	cctgcccccc	gcaaagcagc	atggggaggg	ggccctgggg	gttccttggg	360
gtggggggtt	tcccagggcc	tggggccatt	cctggcttgg	acccttgtcc	cagggaacaa	420
gaagcttgag	gagggacgaa	cagccaggcc	caagagtgat	ttacaaaagga	cattccaaag	480
aagggatttg	gttttttcag	aggggggtga	cttggtgact	gagaggcagc	agaggccaaa	540
gcctgacccc	agaccctcag	ggagggccca	cccaacctgt	acccctcagg	agccccgtcc	600
ggctccccag	gcaaccactg	aggacctcgg	ggtggcctgt	agaagacaga	acccagcccc	660
attacacccc	ttgtgtccgc	tccatcccca	accaccagag	ggacagggac	cagagggaga	720
cctgtggggc	aggcgggcag	gagggaggca	ggctggggcc	gggagaaggg	gatacacagg	780
ccataaaaac	ctcaggctcc	ccataaccct	cactcagcca	tctcactcac	tcactcactc	840
ccagcatccc	ccaggatggg	ggtccccctc	ttcactcagg	acacttcccc	tccgcagacc	900
tgcacgttct	gggcctttct	cattttcacc	caggcctgcc	caccccatga	ggcacccccct	960
aatctctatc	tctccaccca	gcacccccag	cctggctcca	gcctgaagac	cccctccttc	1020
cccttccttc	cagaacagtg	gggaaagcga	ggctcgggtc	acccctaact	gcggaaggag	1080
cagggccagg	agggcagcag	tgtccctct	cccggctcctg	gccagccag	ctcctgggtg	1140
agtgggcggg	aaccacttg	gctcacacca	gctttcacct	ccctctctcc	aggaaggatg	1200
gcagcaccca	tgaggggatg	gaggccacag	aaggacagga	agggaggggc	tttccagccc	1260
cccagcagtg	tccagccctt	ggcacaagca	ggaaaacccc	aaaaccagcc	cctgcatttg	1320
agatcatccc	acagaagaga	aaacagggag	caagaaagtg	ttgactgaac	ccaataaagt	1380
gactcaggtg	ggcccgtctc	ctggcgggtg	cacacagccc	tgccccgcct	ccaccacaa	1440
ggcacagacc	aggggtgccct	ccccagagct	gagcctgcct	gggtccggaa	gggaacggcc	1500
tgtgccatgt	gcagcagtca	gggacccact	ggcctagaac	tcagtctgca	cccctgcact	1560
gtcctcgggtg	gtggtgtgaa	gggcgggggtg	actactgggg	ctggacacct	gctctccagt	1620
ctccagatcg	ataagcttgg	ggggaacaag	gtccacagcc	tttccaggca	ggaggtgggc	1680
agaatttccg	acgctctat					1699

<210> 551

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (9)...(772)

<223> similar to gi5689485 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 551

atacaaggct	caattccgaa	ctgttgaagg	aagaagaaag	caacaaaaga	ctggaagctg	60
aaattgaatc	atcagtctag	actgactgct	gctataagta	agcacagtga	aagtgtgaaa	120
acagaaagaa	acgtaaaact	tgcattagag	tgaacacaag	atgtttccgt	acaagtaaaa	180
atgagttctg	atattttccga	agtagaagat	aagaatgagt	ttcttactga	acaactttct	240
aaaaagcaaa	ttaaattcaa	taccttaaaa	gataagttcc	gtaagaaaag	agatactctc	300
agaaaaaagt	cattggcttt	agaaactctc	caaacgacct	aagccaaaca	cagcagcaaa	360
taaaggaaat	gaaagagatg	tatgaaaatg	cagaagctaa	agtgaataat	tccactggaa	420
agtggaaactg	tgtagaagag	aggatatgtc	acctccaacg	tgaaaatgcg	tggcttgtac	480
agcaactaga	tgacgttcat	cagaaagagg	atcataaaga	gatagtaact	aatatccaaa	540



gaggctttat	tgagagtgga	aagaaagacc	tcgtgctaga	agagaaaagt	aagaagctaa	600
tgaatgaatg	tgatcattta	aaagaaagtc	tctttcagta	tgagagagag	aaaacagaag	660
gagtagtgg	tgtgagacaa	cttcaacaag	aagtggctga	cagcgtaaaa	aaattaacga	720
cgtagagtc	tccactggaa	ggtatatcac	gttgcatat	taatttggtt	gagacacagg	780
cctcaaa						787

<210> 552  
 <211> 1438  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1439)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (204)...(1434)  
 <223> similar to gi537432 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 552	
tttttttttt	ttgggtgata gaaagtnttt ctttatttga atgtcattcc acctgcactg 60
aagcttaaac	ccagcagcag cagaaggggt caggaccaa ataatgtta ccaaattaga 120
caatgaacag	cgaggacaca ctacagacaa acttactaat ggggtataga caacaccaag 180
ctatcctaag	agcacacagc acaggccctc ggaggcctgc ccatcagagc tctgcggaag 240
gctcccttgt	tccctgttca ggaaactcca gtccaccca aagggttagct gtgggccagg 300
caggggcctg	cagaagtttc tgggtgctgg aagatcccag cttctccaaa gacagggttt 360
ccctttctct	ttctcagttc acactggaag ctggagaaag gttattcccc gtgtgcccga 420
gcaggatgct	caaaaggcca gggactctcc ccacagcctt atctaaaagt tctcatcatc 480
ttgggctatc	aggcctgaaa aggatcttga ttctttggtc cctcaccccc ctcaaggaaa 540
gttttccctt	ccatgggtac cgggtcccaa agacgaaagt ttcatagcc ccggttccca 600
gaaggactca	actgaccaga ctgtgggcca gggactgaac cacccttagg ctgtggctgc 660
cgtggcctct	cctgagtcac cagatcaggc agagaaaagc gggcaatggc agaccctga 720
tcacagttag	gggggtcaca gttagggggg gacttctctt gggacctgaa gccggaaggc 780
tctaggttgg	ggcccaacaa ggccctcctg gggtcagaaa caggcactga tctcctctgc 840
ttacctctc	ctgaaggcta aagccagatc gccgcagcag agcagaggca aaccacaaag 900
ccccctccc	atgatgtctt tattgcccc ggaggcccat cagggcctca cctggggccc 960
ccactggagc	acctgccacc tgccccatcc acacctctgc agaaccagg gccccagtct 1020
atggtttggt	ccccactctg acttctaccc cttgcctgtg tcaccctggg gttcccgcag 1080
acttcagccc	acacaactct gccttctctga ctccaaactc cctgggtgcat cccccctg 1140
ctctgccaa	atggcagctg gccagggtgc gtggaatggg aatggttgcca ggctacccca 1200
ccagggaact	agcctccctc ctctccaccc ggcgctgacc cactcctaag tcagctggac 1260
ccactacgtc	ctctgaagtg gcttccctca ctccagttct tcccaaaagg atgcggcctt 1320
ggctgcctgt	gccccgggcc tccagcctct gaaaggctcag ttctatcccc cgcaccaggg 1380
cacaggtttg	gtgggtgtcc ttggggaaca aggtgtggca aggacacctg gtggcagg 1438



<210> 555  
 <211> 520  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(375)  
 <223> similar to gi2072961 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 555  
 aatgtaaaca cactgacac aggagcccca gttattaaag taagagttat tcgagcaaca 60  
 gacagagaca gacaataata ggtggggact ccaacaccca ctttcagcaa cagacacacc 120  
 ctctaggcag aaaagtaaca gaccagactg actccaagag aagtcaaagg gacctcacag 180  
 gtaattacag aacatttcac ccaccaactg cagaacgtgc attcttctca tcagctcaca 240  
 gaacattctc caggatagac cacatttttag gccacaaaac aaatctcaaa agagcattta 300  
 aaaagtgaaa atcatagcaa gtatcttctc agaccaaaga gaaacattgg aaactctcca 360  
 ggtacatggt atataaataa tggtaatggt cagtgaaaaa atcaaaaagga caaaaacatt 420  
 tcttgaaaaa aaaaggaaac gagagaaaaa aatgcatata gtaggtgttt ttgaagtaaa 480  
 aaatacagag caataaaatt caaagataca atgaaagaaa 520

<210> 556  
 <211> 716  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (9)...(659)  
 <223> similar to gil9927 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 556  
 cctctgcccc atgggaactcg ggccccttgg ctctgtcctgg ccagatgcct ccaaggggtc 60  
 tgtacgtctc cctcgcacct ctggagagcc ctttctcgcc ctgccccagc ccctcttgag 120  
 gtcttgcccg cctggcttct ctgcttcta tcagcaagag ctcttccgt gccagcctc 180  
 cacagtgcc ttgttagggt gccggaccg ggcgccacct gggggcaggt ctgagcttcc 240  
 tctcacgtc ctccggcagt tccccatgca gatggccacg cctgggcccc tcctcctagt 300  
 ctgtgaatgt ggtctgtccc atggcacagc cttgggctcc cacatgcccc tcagggcctt 360  
 accaacccca catgtttaag tgctgcccc ttcgggatg gctcacttgc tgggatcgcc 420

```

atcctccctt tgttcaggcc ggacccctca aagccacctc tgactccac agcagggagc 480
ctgtcagccc ggtgctctgc cttcagaccc tgagccagcc ctcccaggg cccctgcac 540
ccatctcctc ccaccacagt agtgaccagc agcccgccct gcacctccag tctctgcca 600
cgaagcagcc cgaggcaggc gcagggaagg agtgggctct gactcctcag ccctcctggg 660
aggagggagg cctgacacca cactcagttc taatactcct ggcccggacg cgtggg 716

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```

<210> 557
<211> 678
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(679)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3)...(678)
<223> similar to gi56689 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 557
tgctccgtga cctggaagga tcatattatc tccgacagga aagggatggg cttttgtttg 60
gtccatatga aagtcaagag aaaatgaaag ttcaggactc ctgggtcacc aatggagttc 120
ctccagggtt tgaaaggaa ctctttgagt ctgatctaga tcgaatcatg gaacacatca 180
aagctgccat ggaaatggtt cctgtcttga aaaaggctga catcatcaat gttgtcaatg 240
gtcctatcac gtattctcct gacattctgc ctatgggtgg gcccacatcag ggggtcagaa 300
actactgggt ggctataggc tttggatatg gcataatcca cgctgggtgg gtagggaaat 360
atctcagtga ctggatcctg catggagAAC ctcttttga tctgatagaa ttggatccta 420
atcgctatgg caaatggaca acaaccagc aactgaggc caaagcaaga gaatcatatg 480
gattcaacaa tattgttggg taccctaaag aagaacggtt tgctgggagg ccgactcaac 540
gagtcagtgg gctctatcaa aggctggagt ctaagtgttc catgggggtc catgctggct 600
gggagcagcc gcactggtta tcaaaccagg ccaggcacga atcgtgaccg gaatcgtgac 660
ggtgnnnnng acggtttc 678

```

```

<210> 558
<211> 702
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(703)
<223> n = a,t,c or g

```

<220>  
 <221> misc\_feature  
 <222> (702)...(27)  
 <223> similar to gi3153821 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 558

caggaggcag	ctccgccaga	gacgcgggtc	gtgcttcggg	aaaccggggg	gcggggggag	60
gggaagagcg	cagaaaaagaa	aaccaccaa	ggcggggact	ggcctgagcg	gggaggggcg	120
gcgaggcccg	agcccctctc	tgttggcg	actcccatg	gccagaggct	gagctccact	180
cccgccggcc	gctccctagg	ggaaggggaa	ggagagggga	gagcagccag	cgcccagggt	240
ccctctgtgc	tttttcgctt	tcctaagctc	ctgtcgctcc	tctttgtccc	ctcagtttat	300
gtcctcctgt	gtcacctcc	ctgacctctg	tgaccttgca	ctcccctggc	ctgaagctgc	360
ctctctgctc	gctttctact	gggctcgtct	ctttccggag	ccccagcgtc	tctgcccac	420
attcaccgcg	gaaaggcccc	ggggcgagg	tgcgaccggg	cgtcggcagc	gcagacctct	480
tggccttctc	tcacaggtcg	gtgcgctcgc	tctccgcgtt	ccccgcccga	ctgccgtgca	540
gtccatggct	agacgcgccg	gacaggactg	atggcgggac	cgcgctgccc	gagaaaggga	600
cggaccaata	cgtgtgtttg	ctccgcgaac	cctcttgaag	ctgttcagaa	gccgcttgcc	660
gcggggccca	ctaggcgggg	cgngggttgg	gaccagcg	ga		702

<210> 559  
 <211> 1465  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (49)...(1465)  
 <223> similar to gi3941326 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 559

caagctgacg	cctcaggaga	agctgaaact	gaggatgcag	aaggcgctga	acaggcagag	60
gccatcaagc	atgccaaggc	tcttgaggag	gagaaggcca	tgtactcggg	acgccgctct	120
cgacgccagc	ggagagagtt	tcgggagaag	cggtgagg	gtcgcaagat	cagcccaccc	180
agctatgccg	gccgagacag	ccccacctat	gacctata	agcggtcacc	ctcgaggtcc	240
agctcagagt	cccgtccccg	ctcccgtctc	ccgaccccg	gccgcgagga	gaagatcacg	300
ttcatcacca	gttttggggg	cagcgatgag	gaggcagccg	cagccgctgc	tgccgcagca	360
gcatcaggag	tcaccacagg	gaagcccccc	gcacctcccc	agcctggcg	tcccgcgccg	420
ggacgtaatg	ccagcgcccc	gtcggtaacg	ctcacgccgc	ccgccctacg	ccccggtcac	480
catggggggt	acccggagca	gagggggg	gcggctcatg	cctgcgctga	ccggccctcc	540
gtgccccgcc	tgacgccgcc	gtcctcctc	ctcctcctcc	tctcttctg	cctcgaggac	600
ctccagctac	cgctccagct	ctcgctccag	ctcccgctct	cgccgaggtg	ggggctacta	660
ccgctccggc	cgccacgccc	gtcctccggtc	ccgctcctgg	gcccgtccc	gtctccgctc	720
ccggcgctat	tcccgggccc	gtagccgcgg	ccggcggcac	tcagggtggg	gtctccgaga	780
cggacaccgg	tactcccgt	cgcccgccc	gcgaggaggt	tacgggcccc	ggcgagaaa	840
caggtgtgtg	tggctggggc	tggaggtggg	aggggctggg	ggggcgcggt	ctccgaccc	900

[illegible]

<400>	560						
ttttt	ttaagggata	gagtctatgt	tgcacagtct	ggtcacaaac	tcttggcctc		60
gatgtt	tcctcctcag	cctcctaaag	tattgagatt	acagctgtaa	gccactatac		120
cctcaa	aattatatta	atgtctatta	gttaacttga	attgtttgtg	cttgtcttgt		180
tttaac	cctacttata	tacaagaatt	caaaagtatt	ttcaagccct	atcatttagt		240
aaatat	acccaactca	catttataga	ctgccaaacta	acttgaatgt	ttgtacaggc		300
tgctg	tgatgccatg	tgtacctaaa	taaaactcac	actctataaa	atcacacact		360
caaatt	aacagggcta	tagaaaaaaa	gagttatagg	cttacctctc	aaaatctata		420
ttgtg	actagaaagc	actaaaaaac	agcaataata	tcatataaac	agtattactg		480
tctct	ctgctagcat	catagtccgt	ggatgctttg	cagccttaag	ccctgggacc		540
tgctt	cctttaagat	gcaggtaactt	gattcatttg	cttctcaaag	agatcagatg		600
gaatt	aaaaaggtat	ttcaggatgg	gaggaagggg	gtaagagatg	tctctgcagc		660
caact	gcactctgat	tcctcagata	gcttactata	atggagtaaa	tatttttgaa		720
ttaaac	tagccactct	aaaggaagcg	gtttttaaga	ttttcaactt	tgttataagg		780
tattg	ctaagggttc	tctttgatta	tgagaaaatt	tacccttgtt	agcttcaaaa		840
cccttg	ttgggaaaaa	ctgcattcca	taaatacaca	ctgtagaaca	gattgtacct		900
ggcat	cttgcatthg	tttcatgac	tcctctcttt	ctgcttgthc	agtggctgth		960
cacgga	atgctctctc	tcttgtaaaa	tggttccgac	tagcatcaaa	agtagcagtc		1020
cacatt	ccttctcttc	cttctgcttg	cgctctaaac	aggctgcaaa	agcacagcct		1080
catggc	tcaacctthc	accctgtaag	agcagatttt	aaaagcttht	cagaattaca		1140
taacaa	ttacatacaa	ataagtht	tgthttgttt	tgthtttgag	acagagtht		1200
taccc	aggctggagt	gcagthggcg	agthctgct	cactgcaacc	tcgctcag		1260
caaata	cttctctgth	ctcagctc	tgagtag				1297

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<210> 561
<211> 1328
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (234)...(1161)
<223> similar to gi3873550 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 561
tcctaaagtg ctgggattac aggtgtgagc caccgtgcct ggcgacata gtcttttaca      60
aatcctgtta gtaaactgca catcattcac aaactcatcc ttccagcaaa cactgagcat      120
ctatcctgct agccacagt ccaagcgggt taccttgatc caagctatcg tctatttctt      180
ggaatctcac tcttcgctta gatggtttgt gttgcatttg ggcaggatga tctcctacag      240
tatcattcct cttctttaat atggagacca atccttcagt aggaacaacc tctgcaatct      300
ctatcctttt ggcaagatca tcaagagaaa gacagctctc atcagaaggc agattctcct      360
ggagactata ggatgcttct tcaggagaga gatcttgaag gagatcggag tcgtcgtctt      420
ggttatcttc ataggaaagg gaatcttcag tatcttttaa acatcctttt aaaaggctgt      480
tcaaatagtc ttctgtttct ttgttgagtt ggtcgtcttt atctcccttt tcctctgggg      540
ccatacacac ctctggaagc agtatgccta agtcagatat ttgattattt ccacagagca      600
cattctcaga accgtctgag tcagcctgcg cctgtggtga ttttccatca ctgtctgtaa      660
gatcaggctg ctgcagctca ttttaattcat tgttctcaag ttggtctgtg ggcaacgcct      720
cagaagcatc ccgaagtggc aaacggagtt ctttcctctg agcctgtgaa tatttaccct      780
cagaaatcaa tgcaggaggt atacggtcac agcctggtga aatcaacggc tctgtctttg      840
acttgctgga aagaaacacc ttaggggtctt cagcaatgcc ctctattctg gccacatcct      900
ggcaggcctc tgtttgagcc agctgcaagc gactgtcatc ctcacaagca tcctcagaag      960
agtctggccc agacgggctc cctgctgtct cggaggactg ggtgtggagc gctaacgtgg     1020
cttcagcgct gcagagcagc tcctccatgt ggtcctttcc tgcagttacc gaaaggcttg     1080
gggaatctgt ttgcacgtcc atctgatgac agcagggact gctccccagg ggctccactg     1140
tatgttggct ttctttactt gactctgtgc cgagacaagt tttactctct aaagatgaag     1200
aaaaataaat tgttaaaaaa tcaaaacaac actttgtata ggaaggaaaa gaagggacat     1260
atgaatatgt gtaatacagc aatattctaa ccctttcaaa tggaaatctg tctgttgcac     1320
aatagtgt                                     1328

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```

<210> 562
<211> 444
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (10)...(444)
<223> similar to gi56590 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 562
gcaatgacaa gatccactg tacagctatt aagatggcca aaatccagaa cactgacaac      60
atcaaagtct gacggagatg cagagcagca ggaactctca ttccctgctc gtttgaatac    120
aaaatggtac agtcactctg gaagacaggt tggtagtttc tcagaagact cctggcatat    180
gatccagcaa ttgtgctctt tggtcgttac gtaaataagt tgaaaacgtc tatccacaaa    240
aaacctgctc acagatgttt gtagcagctt tactcataat ttccaaacct tgtaagcaac    300
caagatatcc ttcagtaggt gagtgcataa actgtgggtgc attcagacaa tagaatatgc    360
agtgcataaaa tgaagtgcgc tatcgagcca caaaaaccta accaaagcaa catggaggaa    420
ccttacatgc atatgttcta ccag

```

```

<210> 563
<211> 2320
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(2323)
<223> similar to gi4140029 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 563
gcggccgcag aagctgcggt tgaagccgtg ggcgagatg tcaggcactg ccggtgccgt      60
cgtgccgtgg tacagcacct gctccaccgg gcgcccgtcg catcgctgca gcaggcgctc    120
ccggtacagc tcatactgct gctgcagcag cgggtgcgac acgcgctcca cacgaacgac    180
gcggatgctg ctgcgggcag cgtccagggg gtcgtagaag gcccgcacca ctcctgggaa    240
ctccccgggtg ttctctgccca gacgtccag gttgttccag ggccccttca gcgctctgcc    300
cgccaaggta gggcctgaag ctgccaaagg aaaggccaaa ctctgatccc agggggccagc    360
cagaagtgcc accaagtggc gggcagcacg ggcagggtgg gccccgaagc cacggaggat    420
ggtgcagtca ccacgcaggg caacactcac accatggcac cgctccaggc gagcacgcag    480
ctctgcaggc agtgtgcggc gccaggggccc caccgtctcc tcttggacgt ggacctccaa    540
ggcagccctg agcggccggt ccagctcctc cacatcctgc tcaaaggccg agtgaccac    600
cagctggggc ttgccatcag tccccccatc tgggggctct tctgcctcca acgggggctg    660
ctccagcagg gagagggtta gggcttgccg cagggcagca gcctcctcct gctcagccac    720
ctgaccttga ggctccagtg accggtggag ggccagctgc agagcggcct cctcctccag    780
ccacctgggt gccacagtgc tgggggccac aggtcctcct tcctcatgcc ctgggggtcac    840
ctcctcctct ggctgctcct gaggcccttc ctcctccagc tcccgaggca gccagtcctc    900
cccgtctagg tctaggccct ccagggtggc cagcagttct cggacctcct ccaggctcac    960
gtcctcctgg tcaccacctg tactgtctgg ggtccacagg gtgtgggcgt tgccagggag   1020
cactgggagg gcctcggtag ggtccacctc ttcaaggcct gtgtccaacg tggctgtggc   1080
caggcgctct gtcctcaaga cacactggaa ctgagcctcc agccccctgga gaagggtgctg   1140
cccttctggg cccaggagaa acctggcgct gcccggtgac tccaggcaca acacatggca   1200
gctaagtctg cccagcaggc tccgcagaaa ctctcagacc gcctggcagg aagcctgggc   1260
tccacagagc cgaaagccag tcatatccgg tccttcaagt ggcaagagag cgacgtctcc   1320
caggccccga agaaggtcct catggtagag ctgcagggaag cgcacgccc ctgggtccat   1380
caatagcacc atctccacca ggccctcctg ccctgccagc ttcacacatc ctgggtcac   1440
aggccctgcc ttctccagag accccatggt gatctccatg ggaccaccca gcccctcttg   1500
ctctggtgag tccatggcaa tttccaccag gccctcctgc cccagcaacc ccttagaggt   1560
ctccactggg cctgcagacc ccacaggccc caggctcatg ggccccctcct gttcctgcaa   1620
ccccacaggc ctcaggctta ccagcccctc atgttccaga gaccccatgg gcatcgagct   1680

```





Run with FASTXY 3.3t00, default parameters

<400> 565  
tttttttttt gagatggagt ctgctctgt caccaggt ggagtgcagt ggcgcgatct 60  
cagctcactg caagctccgc ctctgggt cagccattc tcctgcctca gcctcccag 120  
tagctgggac tacaggcacc cgccaccacg cctggctaatt tttttgtatt ttttagtagag 180  
acagggtttc accatgttag ccaggatggt ctgctctcc tgacctcgtg atccgccagc 240  
cgtggcctcc caaagtgtg ggactacacg tgtgagccac catgcccggc cttgtttttg 300  
tttttgccaa gtttcacat gttgccag atactcctcaa actcctgggc tcaagtgtt 360  
tttcagcctc agcctcctga gtagctgga atagaagagc atgccactgt gtctggc 417

<210> 566  
<211> 706  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (670)...(652)  
<223> similar to gi2981631 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 566  
ttttttactt tcttgatgaa gttaattctt catttaggag gctcagtgtt ctgaaaattt 60  
gttcttttcg atgctataat aaacagaatt gttttcttaa tttccatttt agattgttca 120  
gtgttagaag aaatacaact gatttttgtg tattgacttt gtatcctgct actttgctta 180  
attggtttta taattctaac agtttttgtg tagaatcttt aggggtgttt acatataaga 240  
tcatatcatt tgtgaacaag taattttgct tcttcttttc taatttggat gtcttttatt 300  
tctttttctt gcctaattgc ttgacaaca acttcaacta ttcagctagt ggtcatgttg 360  
agtacaagtg gtgaaagcag acatacttgc cttcttcctt atcttagagg aaaagctttc 420  
agtctttcac cactgagtat gatgttcact gtgtgtgttt tgtatatggt ttttcttagg 480  
ttgacatagt ttccttctat tcccatgtgc acttgagaag aatgtgggtt ctgttattgt 540  
tagagtcttg tgtctctttg gtatattgag tttggtcac tcctctattt ccttacttat 600  
catatgtctg ggtggtctgc ccattatgga gaatgtggtt ttgaagtctc cagctattat 660  
tgtagaacca tttctttctt caattctgtc tcatttttgc tacttg 706

<210> 567  
<211> 438  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature

<222> (19)...(438)  
 <223> similar to gill174092 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 567  
 caccatacta tttaaatttaa tttgttcagc aagattgcag gacataagat taatatacaa 60  
 aatcaattttt gttatatata cttgtaatga ataatatgaa ataaaaataga aacaataatt 120  
 cgtttttctaa tagcatgaaa aagataaaaa acttaggaat aagtttaaca aaagaagtgt 180  
 aaaacatata ccttaaaact ataaaacatc attgaaagaa actaaagaag acctaaataa 240  
 ctggaaaaaac attccatgtg catggatcag aaaacaatat tttaaaaatg acagtactct 300  
 tcaaatgtgat ctacagattt aatgcaatct ctgtcaaaaa tctcaaatga atttttttaa 360  
 ttgacaagta gatactaaaa ctaatatgga aattcaaggg acccagaata gccatgacaa 420  
 tcctgaaaca gaagcaca 438

<210> 568  
 <211> 382  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (15)...(382)  
 <223> similar to gi2197085 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 568  
 acaccatgat caagggattt atcccaggaa tgcaagggtt caacatacaa aaatcaatca 60  
 atgtaatatg ccatgttaat cgaataaagg gggaaagcca caatatcatc caaattgatg 120  
 cagaacattt tttttgacag attccaacat tcatgataaa aatattcaac atccttgga 180  
 cagaaactcc ctcaactaga taaggacat ctatgaaaaa cccattgctt aacatcatat 240  
 ttactggtga aagaccaaatt ggcttcccca ctaataacag gaacaagact agactgcaat 300  
 taccaataaa ggtatctgga ttggaatgga agaagtaaaa ctatctctat tgaaaaatga 360  
 catatccgga cgcgtgggtc ga 382

<210> 569  
 <211> 1172  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (2)...(435)  
 <223> similar to gi559707 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 569
aggccgcact tactgggtgc actggcacat gctggagatc ctgggccctg aggaagccac      60
tgaggataag gcttcagcag ctgtggagaa gggggcaggg gctactgtgt tgggcacagg      120
tgagcctaag aggggacatg gatagcatgt ctctgaacag aggattagt actgggatga      180
agccacttct gaccaggagc agccctaggg gtccagaaat agaccccat cctgaggggt      240
gctgatgccc gccatgcctg tgcctcagc atttccctcc tgggactgga atcctatgga      300
tgggctgtac cctttgccgt acctccagcc cgaacctcag aagaatgaga gagtgggata      360
tctgaccagc gctgaatggt gggagctgct tttctttatc aaaaagtgtg acttgtgtga      420
gcagcagcca attttccaga atctttggaa gaacctgat gagaccctgg gtgaaaaggc      480
cctaggtgag atctctgtgt ccgtggaaat ggccgagagt ctgctgcagg ttctcagtag      540
tcgattttgag ggcagcactc tcaatgacct gctcaactcc cagatctaca ccaagtatgg      600
gctgctgtct aatgaaccaa gcagctcgtc tacttcacga aatcactcct gtaccccaga      660
tccagaagag gagtccaagt cggaggccag cttctcagag gaagagactg agtccctcaa      720
agcaaaggcc gaggccccta agacagaggc cgagcccacc aagacaagga ccgagacccc      780
catggcacag agtgattctc agctgtttaa ccagcttctg gtgactgagg ggatgaccct      840
gccactgag atgaaggagg cagccagtga aatggccaga gccttgcggtg gtcccggtcc      900
tcgcagctcc ctggatcagc atgtggcagc ggtcgtggcc actgtgcaga tatccagctt      960
ggacacaaac ctgcagcttt cagggctctc tgccctctct caggctgttg aggaggtcac     1020
tgagcgggac caccctctgg tccgtcctga cagatcgctg agagagaagc tagtgaagat     1080
gctggtggag ctgctgacca accaggtggg agagaagatg gtggtcgtgc aggcctgcg      1140
cctcctttac ctgctcatga ccaagcacga gt                                     1172

```

```

<210> 570
<211> 419
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (7)...(6)
<223> similar to gill196433 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 570
tttgttctaa aatttgaatg gaagtgc aaa agacctggag taatcaaaat aactaattaa      60
aacaagttg gagggctcac actgtctgat ttctagactt aaaaagctac ggttggttaa      120
acagtgtggt gtcagtgc aa agatagatat attaattggaa cagattgggg tgcagaaata      180
gacctacaca tgtatggaac attgattttt gacaaaggca taaatgcagt tgtgcagaaa      240
gaaggtagtt gtttcaacaa ttggtgctga aactatttag taggcagaaa gataggactc      300
agacctcata ccataattaa aaattaactc aaaatggatc acatagccaa atgtaagacc      360
taaaattata aagttgccag aagaaaatct ttgtgacctt gggttaggca aataatttt      419

```

```

<210> 571
<211> 349
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (28)...(352)
<223> similar to gi854065 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 571
tttattgggg cataacatgt acacagtatg tgtatacctt gataaatttt tacatgtata      60
tacatatgta cgtgtatgta tgttgtgata catatgtacg tgtatgtatg tgtgtataca     120
tatgtacgtg tatgtatgtg tgtatacata tgtacgtgta tgtatgtgtg tgtatacata     180
tgtacgtgta tgtatgtgtg tatacatatg tgcgtgtatg tgtgtataca tatgtacgtg     240
tatatgtgtg tatacatatg tacgtgtata tgttgtgtata catatgtacg tgtatatgtg     300
tgtgtacata tgtacgtgta tgttgtgtgta tacatatgta cgtgtgtgt      349

```

```

<210> 572
<211> 432
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(362)
<223> similar to gi3044086 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 572
ccctccccag cctcctcccg caagcagtag ccacaggcgg cccacgtgcc ttgggctttg      60
ggccaggcca gccagggtgc cctggaggat gtggccggga tgtccggcaa gccccgaccg     120
cctccctccc accgcgtcca tgggccccac cccaggcagc cgccgtcctc cccagctct      180
caggaggggc gtcaggggcg agggcactgt gcctctcgcc agctcctgtg ggctccagcc     240
ctcggcctgg tgcagattcc aggagccgga ggttctttat cctgagctga tgtccagggg     300
gacttgacga ggaggcccgg caggggggtc tccagggggc tatccgtgtt ccccgctctgt     360
ctgtcggaca ctctggagcc aggtgtgtgt gctgtgacgg gcagtcagca gagcagttta     420
gtccctggcc cc                                          432

```

```

<210> 573
<211> 904

```

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (248)...(724)  
<223> similar to gil90486 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 573

cagagagaga	ggtgcttg	ggattctg	ggctggag	aggaggt	tgtgaac	60
gaggccaaag	atgaaagt	tctgaaag	cccgtaccc	ctataaac	ggcagagg	120
tgtcttaaga	gccacca	gtaattcc	ttccggat	taacagg	tttgtat	180
atgtggcg	gtaaagc	ctggagt	acacaac	atcccc	cggtgg	240
aagaggagga	ggagacc	gaggggt	tggccag	ctggcgg	aggggt	300
ccttctgct	tataga	aggaag	ccagcta	gcccggg	gggggag	360
gcctgatct	tccaag	gtgacc	tcctgc	tgtcca	gcccgt	420
cagtacccc	acttccc	ccccca	ttcctca	ccagaat	ccgccc	480
gcagcact	ctccttt	tttctt	gccgtct	gggcct	gacggg	540
accgtcccc	ctaccgc	ctgccat	accagat	tgaccgg	cggttct	600
gggcccag	cagcctg	tcgtgcc	ctgcttc	cccaacc	ccaccag	660
agggtttc	gaaaacc	acacgca	acccacc	acgaca	cacaaac	720
agtgcact	gaaccgc	ttggcct	tcttgta	gccttg	ttcaat	780
agatgaat	gattaac	ttggtct	tttctgt	tctattt	tagaaa	840
ccaagtcc	ttgcctt	ctttctt	ataaat	agattta	ttaaaa	900
aaaa						904

<210> 574  
<211> 317  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (2)...(294)  
<223> similar to gi3002527 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 574

tttttttt	ttgggac	gtctcgt	gtcgccc	ccggact	gtggcg	60
ctcggtc	tgcaagt	gcctccc	ttcacgc	tctcctg	cagcctc	120
agtagct	attacag	cctgcc	tgcccg	acttttt	tttttag	180
agacggg	tcaccgt	agccagg	gtctcga	cctgacc	tgatcca	240
gccttgg	cccaaag	tgggatt	ggtgtga	acctcgc	gccaact	300
gcttaatt	taatcac					317

```

<210> 575
<211> 1120
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (71)...(928)
<223> similar to gil334643 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 575
cacgaggcgg ttgttgccac acaagatggg ctgcaggccg gccagagct gtacgaagtc      60
tgagcactgg ccctacagcg tgtccggggt ggccagtgtc gcagcagagg gtgcgccctc     120
ctcagcgggtg gcgttggggc ccatgactgc ccctgccccca gtgccattgg ccgccccacc     180
cgcaccactg gctggggggtc cgggggtccg gccagtgcag gcaccctggg gcagtagcag     240
ggccaggggcc gacaggacat ccacatcctg cagaaccttc tgggcatcca gcagggtccc     300
cagaagcgcc tgcagcctcc gtgggggttg cgccctgtggc gaggagtccg agccgttggg     360
ggcatccagg cccagctgct gggagacctt ggccacgtcc agctgggttc ggagctcagc     420
agacagccca gagaagcgcc tggcacgcgc agcagcctgc cactgcaga cagcatcccg     480
gtagccctgc agggctccct tctgactctc aggcacagtg aggatccggc ccagctcccc     540
cgagcccggc gtgcagggtg gctgctccag gagggcagga gccagcagca gtcctcccat     600
ccggaacagg ggattgcccc ctaggcgggt ccagggtctc tgacccttgt ggaggccaga     660
ctgtgaatcc agggcagatg agggaccaa gagcagggtg tagacctcgg gcgggtccac     720
acgggcggcc aagagtgtct gggccgtgct attgggcagc gacaagttt gcgtcaggaa     780
acgccagagc tcctgcgggt ttctggccac cgagtccaga gagaaggaag acactgtgga     840
tctgtccagg tggtccccc aggtgcccgg gcccgccactg agggcctcca gatgctggcg     900
tagggcctcg agctctgagc ccaggctggg ccgcgctggg tcaaacaggt tgccttcctc     960
caccacgcgg tccaggcgct caagcagctg cgtgaccgtg gagttggcgt actgcaggaa    1020
gccgaactcg tctcgctggc cgtccgggca cagcgattgc atgacaggca ggatgccggc    1080
agacgtcagg ggcgccgctg tgtagaaggc ttccttcacg                      1120

```

```

<210> 576
<211> 885
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (20)...(688)
<223> similar to gill96433 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 576

```

09468725 "012100

gcatgctctc	actactgctt	tcaacattgt	actcgaagtc	ctagttagtg	cagtaagaca	60
agaaaaggaa	ataaagagca	tagtgattgg	gaagaaagaa	ataaaaactgt	ctttgttcac	120
agatgacatg	attgtctatg	tagaatatcc	aaaaattgac	aaaaatgctc	ctggaaataa	180
taagcaatttt	taccaggggtg	gtaggatata	aggttataac	acaaaattca	gttacttttc	240
gtgtatatca	tcagtgcagca	agtgggtattt	gaaattaaaa	aaaatactat	ttgcattagc	300
acccccaaaa	gtggaataact	tgggtagtaa	tctaacaaaa	catgcacaag	atttatatga	360
gaaaaattgt	aaaactttta	ttaaagaaat	caaagaacta	aataaatgga	gagagatttt	420
atgtggatag	aaatattctg	ttttcaagat	gtccgttctt	ctgaacttcg	tctatagatt	480
caatgcagtc	ccaatccaaa	tcccagtaag	ttgttttgtg	ggtattgaca	aacattttta	540
agtttatatg	gagaggcaaa	aagaccacga	atagccaact	caatattgat	tgagaacaac	600
aaagtcacag	gattgcacac	acctttcttc	aaggcatact	ataaagctac	agtaatcaag	660
aaagtgtgat	attagcaaaa	gaacagactt	acagcaactg	ttcttattag	caaaggaaca	720
gtttacagca	aaaactgtaa	acttagagga	taacatggga	gaaaatgtag	atgaccttct	780
gtttggcgat	gacttcttag	ttgcaacacc	aaaggcatga	accatagacg	aaataattga	840
taatcctttac	ttcattaaaa	ttaaaaaattt	tgctttgtga	aagac		885

<210> 577  
<211> 655  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1)...(658)  
<223> similar to gil017427 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 577			
gaagtgggcc	cagaaaagaa agtaccgggtg cctcctgcc	aaaagccaga agctccacct	60
cctaaaggta	ggtatcatta cacattgtca gtcggggggc	cctgggggaaa gactgtatag	120
aagtgtccgc	cgatctcaca agttgtattt gcttgggtaa	atgtggagtc gatattcccc	180
ctttatagct	tctaactaaa agatacta atcttcaaag	ttcctgaagc tcctaaagaa	240
gttgactctg	aaaagaaaagt atctgtggct gtgccccaaa	aaccggaagc cccacgtgca	300
aaagggtatt	attccctctc ctctgctaag aaaaacttat	cgtctgtacc cctcacaatc	360
agctgtgata	tataccttgc ccatcctac attataacaa	tactaatatc tttcaagtgc	420
ctgaagctgc	tcaagaaggt gtcccagaaa agaaaattcc	caaggcacca atcaaaaaac	480
cagaagcccc	cgcaggtaca ggtacatgtc agctcaaact	tatcctgcag aagaaatctc	540
tcttccattc	ctgaaaacaa ttttagacca ttcctcttca	ttaacctaag tataaaaacta	600
ctaatactct	tcaagtgcga gaagttcctc tagaagccac	agaaaaagaa atttt	655

<210> 578  
<211> 2616  
<212> DNA  
<213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (28)...(2616)  
 <223> similar to gil334643 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 578

ccgggactgg	ggctgggagc	gctgcccggg	agccccgcac	ccacgcctgg	accgcggaga	60
cgcccaggcc	gaggaacccc	cagcccaggg	actagacacc	accagggccg	ggcggagcca	120
gagccagacg	cgccggagcg	ggcgccctcta	cgccgctaga	tgttcgccat	ccagccaggg	180
ctagctgagg	ggggccaatt	cctgggggac	ccacctcctg	gattatgtca	gcccagagctc	240
caaccagaca	gcaactccaa	cttcatggca	agtggccaagg	atgctaacga	gaattggcat	300
gggatgccag	gcagagtggg	acctatcctg	aggaggagct	cctctgagtc	accctctgac	360
aaccaagcct	tccaggcccc	tggatcccct	gaggaagggg	tgcgcagccc	cccagagggg	420
gcagagattc	ccggggctga	gcctgaaaag	atgggtgggtg	ctggcacagt	ctgctcccct	480
ctggaggaca	acggctatgc	cagcagttcc	ctgagcattg	acagccgtag	cagcagtcct	540
gagcctgcct	gtgggacccc	gcgaggccct	ggccctcccg	atcccccttct	gccctcagtg	600
gcccaggctg	tgcagcactt	acaagtccag	gagcgctaca	aagagcagga	gaaggaaaag	660
caccacgtgc	acttggtgat	gtaccgtcgc	ctggcactgc	tccagtggat	ccggggcctg	720
cagcatcagt	tgattgacca	gcaggcccg	ctgcaggaga	gcttcgacac	catcctagac	780
aaccggaagg	agcttattcg	ctgtctccag	cagagggcag	caccatccag	gccccaggac	840
caggcctaag	ggtgtgcctc	cacaagtgtg	caagggtata	tgtatatatt	tgcaggcatg	900
tgtgaggcgc	actagtaagt	acataatttg	ctggcatgat	tgcaggtagg	catgagtgtg	960
tatgtgctaa	catgtaggct	ggtgtgtgta	ggcatgtgtg	aataagcatg	tataaatgag	1020
cttaagtgtg	ctgtgtgcac	atgtgtacac	acagctaatt	tatctgcaga	cctatatgtg	1080
agcatgtaag	agtgaacata	tgtgtgtgtg	tgtagtatgt	agaatgagg	aactcgggat	1140
gtcatgtgt	agacaggtag	ccagcagtg	gtgtatatgc	gcagagtga	ggatgtatag	1200
gcagaagatg	tgtgtgtcta	tgagtgtgtt	tgagtgtgca	ggcttgtatt	aggtgtatgt	1260
gaggaagccc	ttgtgtgtgc	aggggtggac	atgtttggcc	acaggcatgg	gaggtgtatg	1320
ttaggagcat	gtgtgtttgt	aggcagactc	atgagcaggt	gtgtgcaaat	acatatccag	1380
ctgcaactgtg	ggtgtccacc	cacaccttgt	gttcctcagt	gcctacccca	gcctttcttc	1440
tccactgggt	cccactgttc	cctggagaca	gagggctagc	atgctgtcat	ttatctgaag	1500
gttgtggctg	acccattctc	ctgggatttc	ccaggccacc	tctcctttcc	ctttccctca	1560
cttaaccag	acttgctcag	ctgaggctat	tgtccctgat	gttggtttta	ctttagaggag	1620
gtttagtggc	tgctctggcc	tgccatggaa	ttttggctgc	aattttggca	gtgtgtggag	1680
aactggtatc	aggaaaggga	accaggagta	gtgatgaaga	tgatgggtggg	gatggggaca	1740
gaggacatag	gggactgtcc	ctcttgaact	ctgccttttg	gcacatggga	gatggggaca	1800
ggaaagatga	taacagtggg	accctgtgaa	gaataggaga	atgggaattc	taaaatacca	1860
gttcccaaac	aaaccatctc	tccattggaa	aaggagctgt	tgcaaaccgt	gttcatttaa	1920
gcttctgatg	aaaagcaatg	tatgtttata	agcttgcaag	taacagacaa	gatgttccaa	1980
ggccgatgag	gaaaatatcg	cttccctgtc	tctgcctcta	ccttgctgtg	cctctctggc	2040
tttagcagca	ttggatgttg	aattggtttg	gttcatttct	ctgaagtcgg	actgtcagga	2100
ggagccagag	gttggttttc	tgggatgtga	aggggacagt	gtcagcctaa	gcctctggag	2160
atgcttagga	tgctgaattt	taacccttct	tttactgca	tggcccttca	aacagggatt	2220
ggcaggctcc	gcgagttaca	gagtgggtga	gtcttgga	gaaccaacga	ctaaggtagc	2280
ttagctctct	gctttgttct	tgggagccaa	gagaatgcaa	gatcctgggtg	ggtgagcagt	2340
ggtatgaaga	ggggacactg	gtgggtgaac	agtggcatgg	aagtcaactga	tgcagcctct	2400
ggccctcagt	ctccctatcg	gcaaaggggg	gggctcttcc	tatctctaaa	gagtttctatc	2460
cctgacaggt	ggatgggtga	aagatccaaa	gagtgggggt	gaggggtggg	ccctgaagac	2520
tttttgtctg	tagctcttgc	atattgagtg	tataaaccg	gcttctggac	caaccaaga	2580
tgaataaact	ggggcagaaa	attaccaaaa	aaaaaa			2616

0948725 012100

<210> 579  
 <211> 1445  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1446)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1389)...(26)  
 <223> similar to gi3641655 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 579  
 ttctgctcagg cggtgcggc tgctacggcg gcgcattgcta ggggattctg ccgggtagaa 60  
 gagctggggc tggaaaccag ccctgaggac atcctgcggc ccaggggcaa gtgacacctg 120  
 ctgagagagg ccagagatgg tggaggctga ggaactggca cagctgcggc tgctcaatct 180  
 ggagctcctg aggcagctgt ggggtggggca ggatgctgtg cggcgggtcag tggccaggggc 240  
 agcctcggag tcaagcctgg aatccagcag cagctacaac tcagagactc catcgacccc 300  
 agagacgtcc tcaacttcct tgagcacctc ctgcccacgg ggccgggtcct ccgtgtgggg 360  
 cccaccagat gcctgtcgag gggacctccg tgatgtggcc agatcggggg tggcctctct 420  
 cccacctgcc aatgcccagc accaggagtc cctgggcccga ccgagacccc actcagcacc 480  
 ctgctggggc acctcaagcc tgagggaccc agagccctca gggaggctgg gtgatccagg 540  
 accccaggag gcacagaccc cgagggtccat cctgggtcaa cagagcaagc tgtccaagcc 600  
 cagggtgacc ttctctgagg agtctgcagt tcctgagagg agctggcgcc tcaggccata 660  
 cctgggctat gactggattg cagggtctct ggacaccagc tcttccatca ccagccagcc 720  
 tgaggccttc ttctccaagc tgcaggagtt tcgggaaacc aacaaggagg agtgtatctg 780  
 cagccatcct gaacccagc tgcaggcct gcgtgagagc agtggcagcg gcgtggagga 840  
 agaccatgaa tgcgtgtact gttaccgtgt caaccggcgc ctgttcccgg tgccctgtga 900  
 tcccgggtacc ccctgccggc tgtgcaggac accgcgagac cagcaggggc ctgggaccct 960  
 ggcgcagcca gcgcacgtca gggtagcat cccgctgtcg atcctggagc ccccgacccg 1020  
 gtaccacatc caccggcgaa agagctttga cgcctctgac aactggccc tgcccttgtg 1080  
 agcagccacg tggggctgga tggatgatgag ggcggggctg gctcagactg gccagatcc 1140  
 ccaggaggagg tcacagagcg agactgggct cgacaagggt gagcgccaa gtctctggag 1200  
 cacagcctgg gcctcttcca tccccacac ctgtacctaa gggaggtagg acccccgctc 1260  
 caggtacccc ggtgcttcca gggatgatct cctgcaggct ggcatgacat gaatgggtcc 1320  
 tgtttattgc gctcttgtgt actgcaggca cagtccttag ggggcttacc tcatggagcc 1380  
 cccacagcag ccaggagtgt aggcactgct gtacccccac cctgcagggt gngagaccga 1440  
 agcag 1445

<210> 580  
 <211> 567  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (30)...(557)  
 <223> similar to gi4981020 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 580  
 caaggccagg attcccatgg caggagatac ccaagggtgtg gtcgggactg tctctaagcc 60  
 ttgtttcaca gcatatgaaa tgaaaatcgg tgcaattact tttcagggtg ctactggaga 120  
 tatagccact gaacaggtag atgttattgt aaactcaaca gcaaggacat ttaatcgga 180  
 atcagggtgtg tcaagagcta ttttagaagg tgctggacaa gctgtggaaa gtgaatgtgc 240  
 tgtactagct gcacagcctc acagagattt tataattaca ccagggtgat gcttaaagtg 300  
 caaaataata attcatgttc ctgggggaaa agatgtcagg aaaacgggtca ccagtgttct 360  
 agaagagtgt gaacagagga agtacacatc ggtttccctt ccagccattg gaacaggaaa 420  
 tgccggaaaa aaccctatca cagttgctga taacataatc gatgctattg tagacttctc 480  
 atcacacat tccaccccat cattaataaac agttaagtt gtcatttttc aacctgagct 540  
 gctaaatata ttctacgaca gcatgaa 567

<210> 581  
 <211> 865  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (173)...(831)  
 <223> similar to gi470674 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 581  
 ctgggtctgt catacgaca ccgtcagtac aaggcttggg tgggaagggg attcgtggtc 60  
 agttgcccct ggggccacag gcgcctctcc ctgatttccct ctctccccac ctcaatgttt 120  
 acaatacgcg gtactggggt cttctcaactg ctcaactgctg tatctgagga tgggaccctc 180  
 ctctccttcc tcgcagagcc cctcatcccc tccccctctgg cacagcaata ccaatagctc 240  
 agcagctgca gccaccaga cagggtgctt cccagtgat cctgcaatcc ccatggcagc 300  
 ccagagggtg ggcccaggag gttcctgctt ttcagaggcc cctgcttccc ttggctttct 360  
 gcgtctggct cctggttggg ggtgcacagg ctcaccaccc ccatggaagg aaggacctcc 420  
 cctccagggt gtccccctcc atggcccctg ctgccctgag aacctgagca tgatgaggag 480  
 ggggaagctg aaggcgtggg agcccaggta gtggagggca cgctggccaa tgggcgggag 540  
 cccaagggcc accagctccg ggaccacttg ccagggtgct gagtagttgg tgaagaggcc 600  
 gcagtcccag gaggagtgga tgctggcgag agatggccaa gtggggctgg catcagggtc 660  
 ctgggtgaga aactgcccct gccagcctct gggtgcccc ctcctcttcc cctcacctgc 720  
 tgaccacata gccaggggc actgcagcca gaagcaggcc caggaggagc actagctgga 780  
 agaagaaggt ggagctggag gcacggaagg gccgcgaaga tgccctggag ttcttcagga 840  
 ggggtgactg ggggcgcaag caata 865

<210> 582  
 <211> 628  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (18)...(629)  
 <223> similar to gi4128047 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 582  
 tgagtgttgg tgcactggac actttttattg ctgcagtata tgagcatgcg gtgatattac 60  
 caaacagagc agaaacacct gtttcaaaaag aagaagcttt gtcctctgatg aacaagaaca 120  
 tagatgtttt ggagaaagca gttaagctgg cagcgaagca ggggtgcacat atcattgtga 180  
 ccccagaaga tggaaatctat ggttggatct tcaccaggga gagcatttac ccctatctag 240  
 aggatatacc agaccctgga gtgaactgga ttccatgtag agaccctgg agaaatcact 300  
 aaaatatagt aagtttgagg aaatgtctat tgaattagat tcggcaacac accagtgcaa 360  
 caaagactca gctgcctggc caaggacaac tctatctatg tcgtgggctaa tattggggac 420  
 aagaagccat gcaatgctag tgactctcag tgtccccctg atggccgcta ccaatacaac 480  
 actgatgtgg tgtttgattc tcagggaaaa ctgttggcac gctaccataa gtacaatctt 540  
 tttgcacctg aaattcagtt tgatttcccc aaggattcag aacttgtgac ttttgacact 600  
 ccctttggga agattggcat tattactt 628

<210> 583  
 <211> 1060  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (7)...(1062)  
 <223> similar to gi4240130 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 583  
 attatttttc ttttctttta gccatacctt cagagtgtta ttttcctttt tgtcataagg 60  
 ggtctggaaa tgaagtatgg aaatgaaata atgaataaag acccagtttt cagaatctct 120  
 ccacggagta gagaaactca tccaatccg gaagagcccg aagaagaaga tgaagatggt 180  
 caagctgaaa gagtccaagc agcaaagca ctactgctc caaacttgga ggaggaacca 240  
 gtcataactg caagctgttt acacaaggaa tattatgaga caaagaaaag ttgcttttca 300  
 acaagaaaga agaaaatagc catcagaaat gtttcctttt gtgttaaaaa aggtgaagtt 360  
 ttgggattac taggacacaa tggagctggc aaaagtactt ccattaaaat gataactggg 420  
 tgcacagtgc caactgcagg agtgggtggtg ttacaaggca acagagcatc agtaaggcaa 480  
 cagcgtgaca acagcctcaa gttcttgggt actgccctca ggagaactca ctgtgtccca 540

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aacttacaat gaaagagcat ttggagttgt atgcagccgt gaaaggactg ggcaaagatg 600
ctgctcttag tatttcatga ttggtggaag ctctcaagct ccaggagcaa cttaaggctc 660
ccgtgaaaac tctatcagag ggaataaaga gaaagctatg cttcgtgctg agcatactgg 720
ggaacccatc agtgggtgctt ctagacgagc tgttcaccgg gatggaccct gaggggcagc 780
agcaaatgtg gcagatactt caggctacca ttaaaaacca ggagaggggc gccctcttga 840
ccacccatta catgtcagag gctaagtctc tgtgtgaccg tgtggccatc atggtgtcag 900
gaacgctaag gtgtattggt tccattcaac agctgaaaag tttggtaaaag attatttact 960
agaaataaaa atgaaagaac ctactcaggt ggaagctctc cacacagaga ttttgaagct 1020
tttccacag gctgcttggc aggaaagata ttcctcttta 1060

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<210> 584
<211> 606
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (106)...(601)
<223> similar to gil70444 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 584
cctatctctc ctcttttggg agaaaaatgt cctgtgatgc ttacttggaa ccctgagctt 60
caacgatggc tcatcttgta cttgaaagat ttagcacacc aaacatctcc acctgtcccc 120
cagtcacctg gatttcagga gcaaaccgt catcctgcaa ctcttccag aagtcaccag 180
tttccacgc acccctcttc actactcaag agctccccac cccttccacc atctctcctc 240
agttcacggc tccatggacc cctcaattcc tcaaagaatt tccccatctc ttgacacca 300
gactgagaat cccctagaaa caagctggcc ctgccctggg tccccccatc tccaacggca 360
ggtatactca tcccaacata ctctctttcc ggaccagcct cgacccccgg aacttccccg 420
ccttctccac ttcggaacct acccaacatt ttctggcctc ctgcgccaag tctccccacg 480
tccaagcag tcatccaag cttgttccaa aagcctctc ttccgcacca gctgcttggg 540
caccacgggt actccggccc gcctctcagc cccctctgca tgtcctcaga cccttcacct 600
gcctcc 606

```

```

<210> 585
<211> 921
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(924)
<223> similar to gi2887497 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 585
gggctgacaa gagcatctac tttcgagctg cccagcaggg ttcggatgga ctacactttg      60
tccgtaccca ccacgtagca gagaaaacca ccttgtatga catggacatt gacatcaccc      120
agaagtacgt ggccgtggcc tgccaggacc gcaatgtgag agtctacaac actgtgaacg      180
ggaggcagga ggcggtgtac aagggctccc aggggtgacga agggtccttg ctgaagggtcc      240
atgtggaccc ctgaggcacc ttcttggtcca ccagctgtct tgacaaaagc atctcagtga      300
ttgactttta ctcgggcgag tgcattgcca agatgttttg ccattcagaa attattacca      360
gcatgaagtt cacctatgac tgtcatcact tgatcacagt atctggagac agctgcgtgt      420
tcatctggca cctgggcccg gagatcacca actgcatgaa gcagcacttg ctggagattg      480
accaccggca gcagcagcag tacacaaatg acaagaagcg gagtggccac cccaggcagg      540
atacgtatgt gtccacacct agtgagattc actccctgag ccctggagag caaacagagg      600
atgatctgga ggaagagtgt gagccagaag agatgctgaa gacaccatcc aaagatagct      660
tggatccaga tcctcggtgc ctgctaacca acggcactga gccactgtgg gcaaacgggc      720
tgctagggga cgatgatgtg gcagatggct tggccttcca cgccaagcgc agctaccagc      780
cccacggccc ctgggcagag cgggccggcc aagagcccct caagaccatc ctggatgcc      840
aggacctgga ttgctacttt acccccatga agcccagag tctggagaac tccattctgg      900
attcactgga gccacagagc c

```

```

<210> 586
<211> 893
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (457)...(893)
<223> similar to gi559721 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 586
tgtcgactag tgattttccc gggctgacga tttcgtatga ggacaggaat tctgtcctgc      60
tcaccaccat gtcccctggc caataacagt gaatggtatc tagtaggcct caagaagtat      120
ttgttaaaca aaaatgaaga gatgtggccg gcacggggag agtacaaatc tacataaaac      180
aataaaacga ggaactgaaa aaaggaaaaga aaaccacgct gagatgtaca agctgacagc      240
actcaaaagt atcatgccag ctcgagggtc tgggtggacat ttttcagggg ggacaggtgc      300
ttcacaccta tctaagcgca tagagccctt ccaggaagaa gaaaatccac agagaggtgt      360
ccagatagct gtgagcagct cccagaaaag tggacacaaat caccacccta acagaaacgt      420
ggcccagggtc gggagaaaaa aacaatacac catacatctc ggcccagatg aaaaattaca      480
cgaatcccca gcacaatcaa accaagccac caccttcagc ctgacacgta agagcagtct      540
cctttagcct ggctgggcag tcgcctgcaa ccagcaaac ccttcccacg cccaacatt      600
ttccctcgca aagaccaccg ccaccgcccg tccgaggggc gaggggaacgg ggggaacagc      660
ctgacgatca gcttttccca cccccggccg agcccagtc ccttcaaagc gcaaacgttt      720
cccattctcg cctgtctccg aggccgggac ccctgccccg agcccctcct gcggtccctc      780
actcacgtgt agatgatagc catgaaatgc atcagccaca gcaccaagaa gaggacgaac      840
ccgaagacgg ccattccctc ctgcctcccg tcgaccagg aattccggcc gag      893

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<210> 587  
 <211> 606  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (240)...(601)  
 <223> similar to gi2981631 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 587  
 tatacgcat aggtaccggc ccgtaattcc tgggtcgacg ggaggcagga ggtgtaagag 60  
 gactgggtcg ggggtgacgga gctgtgctta tggaagagca gagatgctgg aggttttgaa 120  
 cctcaggggtc agtgggtggct tcgtgggttt cactttgtcg tactttctgt ttcacacatt 180  
 ttcttgtgaa tgtgccaagt attacataaa aacaaaaagg ctgaccagac ttaacagtgc 240  
 tccacccaat agcagcagaa cacacgtttc taagtgcaca gggaacattc tccaggacag 300  
 accacacgtt agtgcacaaa gcaagtctca gtaaattaga gatcggaatc ctgcaaacca 360  
 ccttctccaa tcacaatgga ataaaaccag aaatccatac cagaaggaaa atgaaaattc 420  
 acacatacat agaaattgaa cacacttttt aacagccaaa gggtcaaaagg agaaatcacg 480  
 agaaaaatta ggaaatagag atggatgaaa acaacatacc agaacttaag gaatgcggca 540  
 aaaactgctc tgaggggaaat ttatagctgc aaatgccaac atttaaaaaa atgcgacatc 600  
 ttggct 606

<210> 588  
 <211> 1923  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (128)...(1926)  
 <223> similar to gi5832876 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 588  
 tttttttttg tgtaacttat ccaagagcct gcaagggtt taatcttttt cctgggaaga 60  
 gacaatttca ccctgctttc cgaaaatgcc tgctgagccc tgggtggctga gtcctgtctc 120  
 cctgggagcg gccggttggc cagggcagcc ccgaccctac ctggatcttc ctgcccagc 180  
 ctcagtctca agaccccatg acagagcgta gggggaggca gtgtctctga gtctttcctc 240  
 gggggacgtg tgcgggcaca cagatggggg cggggcaggc tctgaccccc aggccaaacc 300  
 aaagcccca cgctgtccat tcacagccat gccttcccct cgaacaaaac agaaagtacg 360  
 aaacaaggct tgcttttaa ttgctatcag atattcggat atcccgtctg atgtcagcaa 420  
 ggcccccgcg ccccgccgga aaccgcacg ataggagcag caccgccgcc tgactgcaca 480  
 gaagggctgg ggcagggtcg ctgtgcctct cggcctcctt gctgccaccg tcttttagcc 540

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tcggggcgcc tgggtgcaccg tctcctcttc gggtcagccc agcctctggc ggccctcgga 600
aggaggggag gcaggggtcg ggggggtgag ccggaggcgg gggccccgtc gcgcacgcat 660
gcagacttgc cctgtgttgg cttcgtttgt tctcctcctt tgctaaagtg atcagatagt 720
cctgtgaagc agctgccagc caggtggaca gggcagcggg gctgggatgc cggccgtggg 780
ctcctcggac atcctgaggg cccgccctac ttctgtatct ggaacaggaa gagccgcagg 840
ttgatgttct tggcagccag cagcttgttg cactccacgg agtcaatgat gggcagtggc 900
acgtagtccg tctcgttgct ctcgttggtg aagacaaaagt ggtagatgac ggggctgac 960
ctcacgtcgt cgtagggggc cttgagcagc aggaaggagc actccagcgg tgccgtgacc 1020
ttgctcttga ggaggagctg gaaggagagc gtacgcttgc aggacagggt ggggttacgc 1080
tccgagtcgt tgactcgagc cttcaggacc cacgtctggt tcagcactgt gaacctgggc 1140
gtctcatagt acaggcgcgt gatgaagtcg tctgtgcggg acggccggaa ctggacctct 1200
gtgtagccaa tcttctcgaa gctgagcagg ctgaagatgc tgttgtacag ctgcatctcc 1260
ttgcggtggc tctggtccat cccatccagg atctccatca gctcactgcc tgtcttggtc 1320
gggtggggcg acgcagcctc gtgcaccgtc agctcatgga agggggccgt ccatgggcag 1380
ccgatgcgtt tgtacttgca ctgggttacc ctgtcctggc attcctcttt ctggtgcctc 1440
tccaggaggg agcggggaaa ctggcgcagg cagaagccac actctgaagg cagctcgctc 1500
acggctttct ccacggccag gttccggcag cagaggctct tactgatctc acaacgacaa 1560
ttggggcacg tggcctgctc ctccttcagc cgggcatctg ctagtagggt gataaaacag 1620
ccagcgcaca tcaagtgacc attagtagac tggtagacag aggccttggg cagggtccag 1680
cacacggtgc agcacagcac cgagtagagc cgctcctcca gtttcccgct gccggccgcc 1740
gccgccggcg ccgccgcctc ggccgcctcg gctgcccga gccgcttctt gggcggcgcg 1800
tcggggtcgc cggccgcctc ctgcagctgt agctgccggg cggccgcaa gccgcctcg 1860
tccgagaagc cccggccccg ccgcctcgcc cagagccgcc gccgccgcct gccggcgggc 1920
cgc 1923

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```

<210> 589
<211> 1490
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1491)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (6)...(1490)
<223> similar to gi211041 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

<400> 589
ttttgagggg gcctccacat tttattaggg atacggcaga agcagaggca ggaagcagag 60
cagccgcatt ttaaacaaca cataaattaa ccgcagtgcg gggctggggg ctgggggctg 120
ggccaggcgc ttcaatatat aaaaacaaca acaaaaaaga cggacgaaca gaccccaaag 180
gcatggggca gaggagggca gcaccatcca gacagcaggg aggaccaggg cagagagaga 240
aggcaacttg tccccctggc ccccaaactc caccagcacg ggggcctcca ggagggcctc 300
gcgagggctt cggggcagag gagcagccgg gttgggcaga gatggcacgg ctggtgggca 360
ggaagcccag caccacaaga tggctcagcc tgaagtaggg actggagggg tgcgacacag 420
tggcctttaa cccccagtc cttccaggaa gagccttact ctgggtgaga gaagggacca 480

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agggcgggggt ctctccctga gctgagcacg gtcattctcat ccgccgaagc agtgggtggt 540
gggggtgtgcc agggaccccc ttttcacctt cttatccacc tgcctccttg gtcccttcag 600
ggaggggtcc ccgtctccgg gggctgggca tgaagagagc cgggccagtc tgtgggtccc 660
agctccagcg gggccgtggc gtggcgcgag ccctcagccc ntgactccca caagaggaca 720
gcgagtcgta gagtgagtca ctgagagact ccgaggtctc cagccctggg gggcccccgc 780
tggccactct gccttcctcg gccatgtccg aagtgtctgg ggtgcgggcta ccccccgaag 840
gtggggccctg gggcgtaggg gacgggcggc tggggtcctg gcttcgcttc cgggtccacgg 900
gcagggcctg ggaaaggagg ggcagctcgg gaggaagctc ctctccacct ttcggcccag 960
cctcagaggc actgagctct gaggggctgc tgtgcacctg atgggggggt gctccagagg 1020
gggccaagg tgggggtatac ttcagaggaa ccaggctgga ggtacaactg agaacagtcc 1080
tacaaggttc tggggaagga cagaaacctt tccccacgag agaagtgcaa ggagggcagt 1140
gtggagggcc gctcacaggg catcccaggg gtctctctcc cagagggtgc agcactgaga 1200
ctgtgcgaca cacaggccgt accttactgg agaaactggg ctccccacat cactccctcc 1260
tgctcccagag tcctttccct ttctctctgct gcaattctca ccatgggggt cctggggcagc 1320
ccctccagtt gtcgggggtgg gcacatgaga ggggtccagg agctgccggc tgccctagta 1380
ttggggaagg tccagttctt ggccagctgg acaggagggg tggggcctgg gtcttcacag 1440
ggatcatcag gacaggtctc atggccccgg cgcgccccgg aattacgggg 1490

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<210> 590
<211> 374
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (24)...(377)
<223> similar to gil334115 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 590
cccaacaaca gcaaaataaa atttttttct caagtgtcca tggaatattc agaaagatag 60
accatattct gggccataaa taagccttgg cagatttaaa agaattgaaa tcattctgag 120
tatgtatgtt ttctggccat aatgaaacca aactacaaat cagtaataga gtgacaatag 180
gaaaatatct aatcatttag aaattaaaca tcagacttct aaataaagtc tggagtgaag 240
aaggggcctc aaattcaata gtagaaatgc atagacttaa tgaaaatgag accataccgt 300
atcaatatat gtgggaggta gctaaagcag tgctgataga gaaatttatg gcactaaatg 360
ctgacagtag acaa 374

```

```

<210> 591
<211> 2143
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2144)

```

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (23)...(2017)

<223> similar to gi3880563 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 591

gataaccctg	tgtccccttc	cccagacaga	aaaatgcctc	aacgtcgtga	ctgaggctgc	60
gaccccggtg	ggaatatacc	tcaaggcgag	agtggaggct	ggtggcctga	aggagctgga	120
gatctcctgg	gggctacacc	agatcgtggt	gaggtggggg	gcagtgggtga	tgagagcagg	180
gatggggggt	tgcaggtgct	ggggcggtgat	ggctcctttt	gccccagaa	agccctcagc	240
ttcctggtca	acgactgcag	cctcatccac	aacaatgtct	gcatggccgc	cgtgttcgtg	300
gaccgagctg	gcgagtggaa	gcttgggggc	ctggactaca	tgtattcggc	ccagggcaac	360
ggtgggggac	ctccccgcaa	ggggatcccc	gagcttgagc	agtatgaccc	cccggagttg	420
gctgacagca	gtggcagagt	ggtcagagag	aagcggtcag	cagacatgtg	gcgcttgggc	480
tgcttcattt	gggaagtctt	caatggggcc	ctacctcggg	cagcagccct	acgcaaccct	540
gggaagatcc	ccaaaacgct	ggtgccccat	tactgtgagc	tggtgggagc	aaacccaag	600
gtgcgtccca	acccagcccc	cttcctgcag	aactgccggg	cacctggtgg	cttcatgagc	660
aaccgctttg	tagaaacca	cctcttcctg	gaggagattc	agatcaaaga	gccagccgag	720
aagcaaaaat	tcttccagga	gctgagcaag	agcctggacg	cattccctga	ggatttctgt	780
cggcacaagg	tgtgccccca	gctgctgacc	gccttcgagt	tcggcaatgc	tggggccggt	840
gtcctcacgc	ccctcttcaa	ggtgggcaag	ttcctgagcg	ctgaggagta	tcagcagaag	900
atcatccctg	tggtggtcaa	gatgttctca	tccactgacc	gggccatgcg	catccgcctc	960
ctgcagcaga	tggagcagtt	catccagtag	cttgacgagc	caacagtcaa	cacccagatc	1020
ttccccacg	tcgtacatgg	cttcctggac	accaaccctg	ccatccggga	gcagacggtc	1080
aagtcacatg	tgctcctggc	cccaaagctg	aacgaggcca	acctcaatgt	ggagctgatg	1140
aagcactttg	cacggctaca	ggccaaggat	gaacaggggc	ccatccgctg	caacaccaca	1200
gtctgccttg	gcaaaatcgg	ctcctacctc	agtgctagca	ccagacacag	ggtccttacc	1260
tctgccttca	gccgagccac	tagggacccg	tttgcacctg	cccgggttgc	gggtgtcctg	1320
ggctttgctg	ccaccacaaa	cctctactca	atgaacgact	gtgcccagaa	gatacctgcct	1380
gtgctctgcg	gtctcaactgt	agatcctgag	aaatccgtgc	gagaccaggc	cttcaaggcc	1440
attcggagct	tcctgtccaa	attggagtct	gtgtcggagg	acccgaccca	gctggaggaa	1500
gtggagaagg	atgtccatgc	agcctccagc	cctggcatgg	gaggagccgc	agctagctgg	1560
gcaggctggg	ccgtgaccgg	ggtctcctca	ctcacctcca	agctgatccg	ttcgacacca	1620
accactgcc	caacagaaac	caacattccc	caaagaccca	cgctgaagg	agttcctgcc	1680
ccagccccca	cccctgttcc	tgccacccct	acaacctcag	gccactggga	gacgcaggag	1740
gaggacaagg	acacagcaga	ggacagcagc	actgctgaca	gatgggacga	cgaagactgg	1800
ggcagcctgg	agcaggaggc	cgagtctgtg	ctggcccagc	aggacgactg	gagcaccggg	1860
ggccaagtga	gccgtgctag	tcaggtcagc	aactccgacc	acaaatcctc	caaatccccca	1920
gagtccgact	ggagcagctg	ggaagctgag	ggctcctggg	aacagggctg	gcaggagcca	1980
agctcccagg	agccacctcc	tgacgggtaca	cggctggcca	gcgagtataa	ctgggggtggc	2040
ccagagtcca	gcgacaaggg	cgaccccttc	gctacctgt	ctgcacgtcc	cagcaccacag	2100
ccgaggccag	actcttnggg	gtgaggacaa	ctgggagggc	ctt		2143

<210> 592

<211> 950

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(951)  
 <223> n = a,t,c or g  
 <220>  
 <221> misc\_feature  
 <222> (950)...(16)  
 <223> similar to gi600118 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 592  
 gactctatatt tccgggtcga cgatttcgtc ggcacagcag ggcagataat gccaccgggt 60  
 ttggggagca gtggttctcc aacttttagg atagaaacca gaagtttagg agctcagcaa 120  
 agaccgtgta agcctcgatc aggagggacc tccagccgga agagagagtg cctgcagggg 180  
 cctgacggga cctgggggga aggaagtga aaactgctct gccttcctga ggggcagcca 240  
 cagctcctgc tggcccgctc cagcgcctct gcgacaacct caggtgcggg caagacagac 300  
 ggagggagag aagggaggaa ggaaaaacgg atgcaggagg atcctagaca cggaggagac 360  
 agaaccacaca agagggggcg gcggtggcgt ggacggcgcc gcgagggcat cccagcacac 420  
 aggacgggtg gagggctagt gacagcggaa ctctgccctt cgacccggcc gggtcaccgc 480  
 tgaggacaga ccctagagcg gcacttcggg ggtcagtga gtcaacacaa ccgccacaaa 540  
 gacaccacga tcaactgtcg tgccactttc cctcttgccg tctcaggagg gcacagggag 600  
 gcctttggag gctgcgtcac caggacgggc tccgccatgt tgacagctaa aagagggggc 660  
 gcgcttgctc tcttggtgctc tgaatttctc agctttcaat ttattttggn nnnnnnnnnn 720  
 ngaacaaaag cctcgttttg tttccaggc tgaaaggcag gggaacaatt tggtttaatt 780  
 gaggcctaac ctttttagggc taagnnnnnn nnnnnnnnnn nnnnnnnnnn nnggtgggaa 840  
 ctacggcaag gcccccctat gcccggtaaa ttttattttt ttgaaaaaac ggggttttgt 900  
 tactggcccc agcttggttt aaaatttcca accttcggga atcttccgct 950

<210> 593  
 <211> 575  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (16)...(506)  
 <223> similar to gi3876763 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 593  
 attcccggt cgacgatttc gtgtgaagtga gaattgatgg ccaggatggc aaaaaccatt 60  
 gacagcttca ctcagaatca gacaaggctg gtggtcatca tcgatggatt agatgcctgt 120  
 gagcaggaca aagtccttca gatgctggac actgtccgag ttctgttttc aaaaggcccg 180  
 ttcatgtcca tttttgcaag tgatccacat attatcataa aggcaattaa ccagaacctc 240  
 aatagtgtgc cttcgggatt caaatataaa tggccatgac tacatgcgca acatagtcca 300

cttgccctgtg	ttccttaata	gtcgtggact	aagcaatgca	agaaaatttc	tcgtaacttc	360
agcaacaaat	ggagacgttc	catgctcaga	tactacaggg	atacaggaag	atgctgacag	420
aagagtttca	cagaacagcc	ttggggagat	gacaaaactt	ggtagcaaga	cagccctcaa	480
tagacgggta	agatgccatt	ggcttcgagc	tgtatgtttg	tattgctatt	caatttaata	540
caaataaaga	tgatgccact	taaataaaaa	aaaaa			575

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<210> 594
<211> 1904
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1524)...(1145)
<223> similar to gi5002510 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 594						
tttttttttt	ttaaagctta	ttagctcatt	tatcttggaa	acagtagtta	aactgaataa	60
aaaccaagg	gcaatataac	tgctactggt	tgagtcatac	agtgatgtgt	agtttggaaa	120
agaagacgaa	tgatagatat	tgagcccctt	taggaaatgt	tgccagtatt	tgaatttggc	180
tttcatagtt	atctcttgca	cacgaagtag	agtaccatgg	ctgataacaa	gaggtcaaat	240
gtacaagttg	ctctaatatg	gcctcaatga	ggcaccagct	tcaaaacccg	cttgctgata	300
attcagggtat	tcatggagg	tcaagacttc	aaagtcatgt	acttcaagta	ccagtagagc	360
atctggtggt	gcttaaggga	gtctgtcagt	gtagggtgca	tagaattggt	ctctggctat	420
atccatttct	aggaatcact	ggatatccat	ctggagtggg	gggctgttaa	tctaggttca	480
cttgacacca	tcttcagcaa	atgatcattc	ctggggtcaa	agacatgcct	gtcttcttgc	540
acttttctaa	gttcacacac	agtatttcta	agaatgttca	gcatctactg	aacatgaact	600
gtgctgagtg	gaggtacaga	aaagattgga	atgccattca	ggtcaaaca	attgctgtct	660
ggggcagtg	ttttcaaact	gtgttcggaa	gagttcaagg	tgttgtaagg	aagtcctctt	720
aggtgtcacc	acggtggtaa	aggaagatag	ttgtagcagg	attcaggccc	ctactcttgc	780
ttcactactt	catccagagc	agcttcactt	ttactctggg	cttctgcaca	gttttctactc	840
aaagggcttc	atggccacaa	agcctttgga	aaaccaatga	tctaagaata	agtcggtcac	900
aaaatgcata	gaggttctac	cttgatgtat	caagagaagc	cttttctgga	atctggtgca	960
gccttggtgag	atgctgttag	gtaaggggac	tccttggtag	aatttcttac	atgtgtgtaa	1020
aaagtctctg	tctctgagta	attccaaaga	agatgctatg	aggagtccac	tgtgcctttg	1080
atgtgatccc	aatgggtcag	aatatgtttt	ctcattcagt	aggctactac	aggatttgaa	1140
gtagaaaaaa	cagggtccag	tgaccttcat	gggatccatg	atgttcatga	atttcaatca	1200
tttgagattg	tggggtgtgg	tccaatgctg	ctctcaaaaa	gatgttgcct	ttcttcagag	1260
agcattaata	actaaaaaat	cccctggtcc	aaatttattg	tgtgtctctg	aaggctttta	1320
ctgaagaaat	gaaatgcaca	ctcatggaac	aaactaggcc	ttgtgtgtga	taaaacagct	1380
ttagctattt	ggcttgagga	ctctgacttc	actataaagg	gctgtgctga	atctgggtag	1440
aacaagacag	gagtgagggt	aaaggccaca	tcatgatggc	tgaatgcctc	ctgggtcaca	1500
gtgggtccact	ggaatgggtg	tcttcgtcag	tagtaagggtg	gtaggaatca	tctcgggcaa	1560
aaatccaggt	accaggtctg	taggctgatg	gaatagcaca	gggaaggtag	tcagaaggtc	1620
caggtgaaca	ctcagcaatc	aggaggcaca	ggatgagtg	ttattctgat	agcctgctct	1680
ctaaactcct	ccttccta	aaatgcattc	tgatatgttg	tgggtgatgt	gggcaaagat	1740
gcactaaaca	aggaccctgc	tttcaaggag	tctgctatca	gacccgggag	ggggggagg	1800
cgcgccagg	cttcttcgat	ttaggggcct	gactccccgg	cgacgagaca	agatggctcc	1860
tccggtccgc	accgcagcta	ccgtcccggc	tgcgtcgcac	gaaa		1904

09483725.012100



tccggcctat	gatagtgatt	taactgaaag	gctagaccag	gtttatagaa	ggctagaatc	300
accctatcca	tggaaatggg	gtgaaaaggg	gatttcacat	cctcaaccaa	agttagttag	360
tcctgtaact	gctccaaaac	atccagcatt	atgaaagctt	actgtggcca	cgata	415

<210> 597  
 <211> 831  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(832)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1)...(711)  
 <223> similar to gi2224587 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 597	
caccgagagc	ctcccgggtgc ccatggctcc tgtcacaggg cagctcagtc ccgaggagcc 60
tccctgggtcc	agcggcttca caatgggaat gcctctcctc cgaggggagcc catccctcca 120
cctgcaccgg	aaccccatg gcactgagga gaccgggggtg actgcggaga ccggggagac 180
gtgggggaca	ggggagacaa gcagcagggc atggcacggg gtcggggggcc tcaatggaaa 240
cgaggcgccc	gaggggggcaa cttggtgact ggcacacagc gtttcaagga ggccctgcag 300
gaccccttca	ccctgtgcct tgccaatgtg cctggccagc cagacctccg ccatattgtc 360
attgacggca	gcaacgtggc catggtgcat ggccctcagc actacttctc cagccggggc 420
attgccattg	ctgtgcagta cttctgggac cgtggtcacc gtgacataac tgtctttgtg 480
cctcagtggc	gcttcagtaa ggatgccaaa gtcagaggtg agttgggcct ggtcttcagt 540
gtcccaggat	aggctctgtt tccactttga ggagaaccct attatgttct ttttcaatag 600
agagtcactt	cctgcaaaag ctgtattccc tcagcctgct ctccctcaca ccctcacgag 660
tcatggatgg	caagaggatc tcctcctatg atgacaggtg cttgtcctc tcctggcccc 720
aggcttgata	ttgaaggagc cctatggaag actgagggag agagaanagc tcctgggtggt 780
ttacgctgtt	tctaagcctt ggtggtgggt aaggggccag ttattcctct g 831

<210> 598  
 <211> 823  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (196)...(821)  
 <223> similar to gi609543 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



<210> 600  
<211> 895  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (516)...(893)  
<223> similar to gi2801471 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 600  
cttgaggagg tctttccttc tacacggcct aaccaggacc caaattcctc aagtagaaaag 60  
ggagctttag acgattctca ccggtatctc ctcgcaagta ttaaaagagc ctctcagaaa 120  
cccatcaact tgtctaagac gaccgacgtt gtccaaaagc ccgataagtc accaagaacg 180  
ttttagagcg cctccaggag gcttatcgga tttacacccc tttttatcgg atttacaccc 240  
cttttgaccc ggcagctccc gaaaatagcc ttgctcttaa tttagcattt gtggctcagg 300  
cagcccagga tattaaaaag aaactccaaa aactaaaaag attttctaga ataaatatca 360  
gtcagctttt agaaatagcc caaaaagtgt ttgataatca aaagcttaaa aaacaaaagc 420  
aacacaggca actggaaaag cagctgataa agcattcaga agacaaacaa aaatcttagt 480  
ggcagctatc caagaagtac agaatgaagt agcccgttaa tttagcatta actgaagccc 540  
ctgctttagc cctccctaata atctgcataa aagccaagga gttgctaaag acgtgcttac 600  
tcagactcta agaccctaaa gctgcccagt ggcctattta tctaagatgc tagatcctgt 660  
ggcctgtaga tggccaagtt gtctgcgagc cgtagcagct acagcaagcc tggcccaaga 720  
agatgataag ttaactctaa gccaaaattt aacccttaca gtcctcatg ccgtaaagac 780  
cttactacaa aatgcttcgg caaatagatg tcaaagtctc gcatcttgca gtatcaaaat 840  
ttactgttag atcagcctcg tttgactttc tctcccacaa agtgtttcaa tctag 895

<210> 601  
<211> 535  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (105)...(536)  
<223> similar to gi2695659 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 601  
gcattgactt gactttgtca gtgtttcttc cggttgaggaga acctgctgca catgccttca 60  
ttctggaaca tcagatgaaa caccaactct ttctttacct tggaacagggt gttcagatct 120  
atgaccggac atctgttctt catgtaatgg tcaaaaaagg tcaagttact ggagtggaga 180  
ccgataaagg acagattgaa tgccagtatt ttgtcaactg tgctggccag ctattgtgga 240  
tgctgatgga agaatttata ttcggaactg gcagggtggc atcctgtctg ggggctttga 300  
gaagaaccca aaaccaattt tcaactgagg caagaaccag ctggagattc agaacttaca 360  
ggggactggg atcactttga gcctctgttg agttcccttc tgaggaggat gccagaatta 420



gagactctgg	agatcatgaa	gttggtgaac	tgcccagaga	ccttcgcatc	agacatgagg	480
tgcatcatgg	gcgagtctcc	tgcatgttag	ggctactttg	tcctggcagg	aatga	535

<210> 602  
 <211> 456  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (456)...()  
 <223> similar to gi804811 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 602						
gctccggaat	ttccgggtcg	acgatttcgt	gactgattga	tttttgacaa	agatgtgaag	60
gctattcaat	gtgaaaagga	tggctctttc	aacaaatggt	attgaaacaa	ttgaatgtcc	120
atatgcacaa	atgaactttg	accataagct	cacatcttgt	acaaaaatta	actcaaaatt	180
ataatctaaa	tgtaaaatgt	gaaaccataa	aacttagagg	aaacatgaag	gaatctttat	240
gtcctggagt	taggcaaaaa	aatcttagat	aataatttaa	aaacatccat	aagaagaaaa	300
attgatgaat	aggacttaat	caaaatttta	aacttttgct	ttgagaaaaa	cactgttaag	360
agaatggaaa	agcaatccac	aggttgggag	aaaatattta	caaatcacac	ctgacaaaaga	420
actggtattt	agagtatatg	aagagctttc	aaaaga			456

<210> 603  
 <211> 2379  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2359)...(0)  
 <223> similar to gi577299 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 603						
ttaattcccc	ggtcgacgat	ttcgtcgcgg	agtattccag	gcgcctgcaa	ctaaacgtgg	60
ccgggtctgc	aagctaggtg	ccagcgggga	aagtttccct	gcttcttata	gtctgcttta	120
acgccttaaa	tagcccgtcg	aaggctgcag	cagggtgctag	gtagcagcct	cccggccctc	180
gggaaaggcg	gggtggggag	gcgagagcag	cttagcctcc	tcgacctccc	ttcctgggtga	240
cggacgaaca	gttcccgtag	aatttcgctt	caccgagtga	ccttgagccc	agggcgacgg	300
tcagcttggt	aattcctggc	tgaggaact	ttgtgagaat	tttaatgcat	ggaaaagctg	360
tccatgttcc	aactgctgta	catccaaaag	tctcagtgtg	atagcaggac	caaaatattc	420

tgatcaatcag	ctgaccatat	acttaaatgac	tcctaaaaatc	tcgtgggactt	ctaagaaagc	480
gccatggcct	gtgctgctgt	tatgattcct	gggttggtgc	gggtgctctgt	tggagccatc	540
cgtattgagg	ctgctgctact	gagattgaca	ctcagcactt	tgcgccacct	tactctaacc	600
agcataatga	aatccaaaag	gaaaactgat	cacatggaga	gaactgcaag	tgtccttcga	660
cgggagacta	tagaaaagcta	atctaccacc	tgaaggggtg	tcaagggctg	agaaataaag	720
gatcctcacc	ctttacctca	attgtgtcag	cagctaaggt	gtgtggagct	gccagtgaat	780
caccgtcagt	gaagagcctc	cgcttgcttg	ttgctgatca	agacttttcc	tttaaaagctg	840
gccagtgggt	tgattttctt	attccaggag	tctctgtggt	tggtggggtt	tcaatatgct	900
ccagtcccag	actgctagaa	caagagagag	tgatagaatt	ggcagtgaag	tatacgaacc	960
accctcctgc	cctctggggt	cacaatacgt	gtacacttga	ctgtgaagtg	gctgtgagag	1020
tgggtggaga	gttcttctt	gacctcagc	ctgcggatgc	ctctagaaac	ctcgtgttga	1080
ttgcaggagg	agtcggaatt	aacctctgc	tttccatcct	gcggcacgca	gcagatctcc	1140
tcagagagca	ggcaaacaaa	agaaatggat	atgagatagg	aacaataaaa	ctattctaca	1200
gtgcaaaaaa	taccagcgaa	ctcctgttta	agaaaaatat	ccttgattta	gtaaatgaat	1260
ttcctgagaa	gattgcatgc	agtttgcatg	ttacaaaaca	gactacacaa	atcaatgcgg	1320
aactcaagcc	atacatcacg	gaaggaaaga	taacggagaa	ggagataaga	gatcatatct	1380
caaaaagagac	tttgttctat	atttgtggcc	cacctccaat	gacagacttt	ttctccaagc	1440
aactggaaaa	caaccatgta	cccaaagaac	acatttgctt	tgagaagtgg	tggtaggagg	1500
cagacaaaag	cagaaaaaat	aaagagtggg	aattcctggc	aggctgaagc	ctccagaaga	1560
gcctctctcc	tccatccttc	tggccggccc	agcaggacga	tggcagacaa	ggccctccag	1620
tcccctcagc	tgtcccgttt	tagcagcctg	agatgtgatt	cggttgcca	ggggctcagg	1680
tggtccttgg	gctctgcgag	cccttggaa	ctggagcagg	ctgccccctc	aaatgctgca	1740
gaaaaatccac	tgaagatgaa	gccctgctga	ggaaaaccta	ggaaggccat	caaagtctct	1800
taccttcgat	tccttcttct	tgattttctg	aggtagacac	ggtctctgaa	gaaagacaat	1860
ctgcttggtg	gatacactcc	cctcgtggt	agtcttgacg	acgggagttg	gtagcacaca	1920
ggtgagctgc	cagccatagg	ccgccagcga	gttcagcagg	ggcacgtagt	ctgtctgcac	1980
ttcgacacct	tccaggactg	tccattgttc	agccacaata	gcatcatagc	cctgtatggt	2040
tttgctatct	tctgtggaaa	cagcttcaaa	gatgaatact	ccatctgtca	agccatgtaa	2100
ggaatcattc	actattccaa	ggtagaagac	tgcgttcacc	agcatgcctc	ctttccggaa	2160
gtggtcgctc	atgtgtctta	accagtgtgg	gtccaagccg	ctcactgtct	ggccattctt	2220
ggagacatgg	agaggaatgg	tgacagggtg	gtattgccgg	cacttctgat	ggctcttcgg	2280
tttggtgaaa	aggggtgaaga	tctccatttt	cctgagagtg	ggctcttcat	gcgcctccaa	2340
ggggaagctc	tccggccccac	gcgtccgcgg	acgcgtggg			2379

<210> 604  
 <211> 725  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(726)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (2)...(725)  
 <223> similar to gi5817102 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 604
agagaaagct tattgttgta atcagtgtgg tagggctttc cagggcagct cagacctcat    60
cggacatcag gtaactcata caggagagaa accatatgaa tgtaaagaat gtgggaaaac    120
tttcaatcag agctcagacc ttctgagaca tcatagaatt cacagtggag aaaaacctta    180
tgtatgcaac aaatgtggga aatcttttag gggcagctca gatcttatta gacaccatcg    240
tggttcatact ggagagaaac cctatgaatg ccctgaatgt tggaaggcct tcagtcagaa    300
ctcacacctt gtcagtcatc aaagaattca taccagagag aaaccctttg aatgtagcaa    360
ctgtggtaag gccttcagtg ggggtggacag cttttcttaa gcaccagaaa cttcacattg    420
gaaaggaatt tgaagactgt aagagtctac aaacaggacc tattctaata ggtagcagaa    480
acctaatagaa tgcaagtaaaa ctaggaaaaag tctgatggag accacatctt attgcactac    540
aaatgagttt tattagaaaa aaaccatggg aagggtgggaa agcagagaaa atacctactg    600
gatttttcaa acgtaagtat aatcaagtgg aaaagccaaa agctcttggg cataatcacc    660
nnnnnnnnnn ctgtctcaaa actgacacta gaatatggtc ccaacgatac aatttttttaa    720
attat                                           725

```

```

<210> 605
<211> 980
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(981)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (4)...(964)
<223> similar to gill118097 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 605
gtgggtctcc ttgaaagtag gcttcctccc cagtgtgggt aacccttgg tccactatca    60
gtgctgggcc aggtgcctag ggccagaacc ctggctctgc gtggtctggg ttattattcc    120
ccatcgccca gtctggaag tggtcgtgtg tcaggggggt ccgatccctg ctcagnccc    180
cgggtgaggg gtcaagatcg cccgctttga gtttgcccg gatcttggtt ctgtgtgcct    240
ctggagcagt ttgtccctca ggagagggat cctcacagcg gcctcttggg accatgagga    300
gaattaatag gatgacccca aggtagctac cgtagccctg tgcaggccca accgtgtgtc    360
tccaccgcca gttcccttcc gtctgtgctc ccaccaactg tcacatcacc agcctttatt    420
ttctttttct tagaccaga caacgagtgc cccactggcc tcggcagccc cttctctaac    480
ttgtcctcaa atcagttcct cacggacagc cctgaccagc cattggcatg accaaaaccc    540
caccaaatag aaccacaact tcctattaag ctgtgcagag cagtcccagc cccacttccc    600
acaggctgac ctcatcgcc atgggatccg tggttctcac ctggggctgg ggggtgccct    660
ggcatctggt ggggagtgct agggatgccc ttccagggtc aggatagtc cccagctggt    720
ggccgacaga cagcagcaca cagcctgatg tccctgtggc ttccggttcc ccgaggccag    780
ctgtgctttg ctgcctcttc atcttctcag acgggtgccc tctctccacc ttcgctgggt    840
agcaatgttc atccattaga gctcaaaagc actgcctgct ggcagcacag ccccttctcc    900
tggccctccg tccgcctgtg ccccacggtc tgtgccgtgt ccccgccctt cgctgtgcc    960
gcatggtctg tgccaagaaa

```

<210> 606  
 <211> 1496  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (689)...(1498)  
 <223> similar to gil054873 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 606  
 gcatgtatgc acatttttta tgtctgattc ctctacattt cttaaactgt aaaataataa 60  
 gaacatgcag ccagatagca tcgcgattac caacttcttt atataatgac acgtaccatt 120  
 ccaactcaatg tgctcctcag tttgaattta taaaatatat gctactcaaa tgaaaggcac 180  
 ttatgcctgc tcttagtaga ggaagcgcta gctaattgcc taacgccccca ttagcatatg 240  
 gcctatactg acttgagaag gaaagaacgt tcatttgctg tggccaataa ggatcccctc 300  
 tccccacctt cccttttctg catcaaaatc tacacagaca aaagtcagat gttgtaatat 360  
 gcattttatc gtgtcactta agtactaaga ggtgctttta aagtttttat taatgctgct 420  
 caaacttgac cccgacggtc caggatacag gccaagggtg cagtgcggac acaatcgcaa 480  
 ggcggctgtt aggcttcagg gctgggcagg aaacttgcca ggtgctacta ggaacgtatc 540  
 agccctttct acaaagcagg tgtctttccc atcataaaat gcaaagcaat cagccgttcc 600  
 ctttctcccc agccccctcg tccggagacc gagaggatat ttaccctggg ctcttgcaat 660  
 tctcttataa ctgaacccag cggcggtctc ttctccgagc tcagagccag caggctcagg 720  
 cccagccaca ctttacaggc aaattgccga gctgaccaag ggctttggcc aagcccagac 780  
 tgggcccggg cgtccgggaa gcggaaggag ccagtctagg aaatccgggt gtgcgtggtg 840  
 gtgaagctgg tgggcaagct tccacttcag gtccggggct ttgtgtcccg caacagacgc 900  
 ttggcgccgc tctcttcca gcctgctgcc gccttctccg agcgagttag ttggcgaaac 960  
 tcaactcact gtccggaacc ggtgcttggc ggccagacgc gcagattaca gcaaaccctt 1020  
 gccgggacgc cccagccagg gaggcaagtg tgggagctgc tcctagaggt gccagctccc 1080  
 acccccagct ccgcgcccc tgcctcgtccc ctttcaactc caggcgccct cgggcttggg 1140  
 gtgcccagaa gggcaagtcc aagcagacgc cagggtgca ggttcaagat gctccgcctc 1200  
 ctcttgccac ttagagccac aaacgctagc gggaaccttt ccaactcagtc ttagtctgcg 1260  
 gtcactgctg aggttttcag aactttccag gcaaaggcca gccaggctct ttgcctccaa 1320  
 cccactccgc gcctacctcc cgcctgggga cccccctagg cccaggagat cctactctcc 1380  
 cccgagcacc gacgttccaa ctcgctctgc cccccgactg ctgtccgggt cctgtgccaa 1440  
 ggggcgcgcg catcttcccc gggccagacg aaatggtcga tccgggaatt ccggac 1496

<210> 607  
 <211> 819  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (135)...(696)

<223> similar to gi2911259 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 607

ccgatttcgt	gctggagggg	gcctaggatt	ccagaagcct	ggggaggcac	accctaggct	60
cggggaagga	gagaggtgga	gaggggctag	cactcctcac	cgtgattatc	tttctgcccg	120
atattgtgcg	tgcggatgag	agaggagagt	ctcctcacat	cccccttgaa	gacgcactcg	180
tgcaccgggt	agtgtgcggg	gcaactgcct	ccatccgcga	cgacagcaac	ggggttggtg	240
ccggccagaa	gggccgggga	ctgggagttg	gcagtcacgg	aggaattgtg	cagcggcaga	300
gccggggcgc	cggggggatt	ggaggaggcc	ggagctgcct	tcagctgtag	ccggtggtga	360
tggttactga	agatcttatg	acaagctttg	ccgcccttgc	caatcctgct	tctggtaaag	420
gtaccgccga	gggcagccgc	cgcttcctca	tccccgggct	ccagcaggtc	cccttcttct	480
ttgctgggct	tgtggtccct	ccgcagttag	cggatcttct	ccccggtcac	cgccgccgcc	540
aggggcaagg	gggggaatcg	ggaggctcac	cgctggcgac	ggagctggcg	ctgcggcggc	600
acaaggcgat	tagagcggtg	gccaagagcc	tccagcgtag	catgaactcc	cactgagccc	660
ccgagcctgg	gacaaacgca	tctcccgggg	aagagccggc	tctcgcttag	gcacgaaggg	720
acgcgcgctc	gctgggggaa	gctagaactc	aggtgcccac	gacaccagga	tctcagtctc	780
gccgtcgtag	ccgccgtcgc	tgccttacac	cgaaaaaca			819

<210> 608

<211> 1149

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (450)...(1051)

<223> similar to gi4469185 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 608

agaggactct	aggcgttttc	ccactcttga	aggcactgag	ctgggaacac	cacctctggc	60
caccagctgt	ggactgcaga	gaggcctacg	gtgaccagga	aggggtggagc	tgcccaaggt	120
catacagcaa	gccggccctg	cacaagctga	tcccatggct	gcccagcctt	ggggaatggg	180
ggacttctgg	catgtccccg	agctggcctc	atctgggccc	tcagaaaaac	gggaggttct	240
gagcccagtc	cgcgaggcgg	gggcggaggc	ggcccagatac	ctccacctac	tctcggtagc	300
cgcgtttctc	cagtggacgc	cctcttcac	atagggggtca	ggcggagcgg	gtcggggacc	360
gaaagtgcgt	tgcggggcgg	cgccagtctc	cggcccagcc	ccgggcccgc	atccaggcgc	420
cgcgcgtccg	gccagcccc	ggcccggccc	ctatgatgaa	gagggcggtc	actggagttc	480
ttgctgtcga	catctttgac	aagttcaact	tcacgggagc	cagagtccca	tggttcgacg	540
ccattcatga	agcattcccc	agggagctgg	agtcctccat	ctccttccca	gccaacttct	600
tcaaacacc	tgaagaaaaa	gaaggcccc	tggtaaggcc	agccagccgg	aggaccaccc	660
cgcagaccac	acgcccaggg	cctggcaccg	agagggaggc	cccgatcagc	aggtgaaagc	720
gacaccctga	tgacactggc	tagttcacct	tcactctggt	catcgtttac	tgtaccccgg	780
ggcagctccc	gcctgagccc	tatgacccca	accgccgcag	cctctggctg	cctcactggc	840
ccatcattaa	tacgtcgatg	gtgagcgcac	tgggtgtacag	cgagggggct	ccacttccga	900
gacccctgga	gaggcccgtc	ctgggtggagt	tcaccctgct	ggagatggag	aagcgaacca	960

```

agcctgtctg tgtgttctgg aaccattccc tggcgtaaat gtgatgccgg gagttctgca 1020
tcttcatgtg agggctttgc caagacacag agaaccgcga gggttgttgg ctcaccggca 1080
gatcgtccca cggggacagt ctcttgtggg ctgtgactcc cccttcagcc ccctgtgggg 1140
cagtggagg 1149

```

```

<210> 609
<211> 444
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (21)...(370)
<223> similar to gi2981264 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 609
cccgggtcga cgatttcgtg gagccagagg cagccagagg ccctggagcc ccagggcctg 60
ggggcgagtc tgtgagtggg gagacccact gggccctgca ggaagtcacg gagaagctgg 120
cccatgccag gactcacctc cgccttctcc atgacttgaa aatgccacct gagggcaggt 180
cgctgccgag atgtgactgc aatatttttg ctccagagca gctttatgga ccaactggag 240
gagaaggcag acctgagtga gctggtgaag aaaaaagaac tttgcttcat ccaccactgg 300
cgagatagat gccatcagtg agtgggaggc cagggcacgg cagggggagc tgcaggaccg 360
tcggaggggg cccagcgtct gagccctgtc ctcccgcagg aaaatccatc accttttatc 420
agaaccaggg ggccgtgcc aagg 444

```

```

<210> 610
<211> 551
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(483)
<223> similar to gi310089 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 610
gggccgcagc ctcagctccc tgctctgcgg cttcatccac aaggcggcgt caggcgttcc 60
tcagcaacca gatgcgggat gcccagggac tggatgaacag caaggcgggc agcgggtgcgg 120
ccagtgaact agcgtggccg aggcctgtgt ggtcctatgt cccatggaga ccatcaaggt 180
gaagttaatc catggccaga cctctccaaa tccaagtaca ggggattctt ccacagggtt 240
aggagattgt gcgggaacac cgggacttac cggggcccca caggccccgt gctgaagcag 300

```



tgat	tttctg	taagaagagg	ctttttggcc	cagaaagcct	tacttatttt	acatcttcca	360
gttt	gtccat	cccatgagtt	agagttcgtc	ttgactctgc	aagcttgat	ggaatggaag	420
tgg	gcctct	gggtgccag	acacgggaga	gaggaagcag	cccaggggct	gggagaagt	480
gtg	agacca	gaagaacggt	ggaccagtc	aggaagggtc	ctgccagcag	ggcgtgggcc	540
agc	ctcg	ggg	tcttccccaa	aaggcaggt	ggggcctcca	gcaagcttcc	600
agg	ctgg	gaga	agaggcccc	tggatgagaa	ggaagaggcc	ggcaggtccg	660
gcac	aggtag	acttctgg	tg	gaaaagcgt	gactcagcct	cctccagcgg	720
tcccc	cgct	agaaaaggcc	gggctccctt	tgctgaccca	gagtcaaccc	agcgattcct	780
ccc	ggggagg	cgggggggccc	cgggccccggc	ccagagcgca	tgcctatgcc	gggagctggg	840
cgagg	acagg	gcacagccac	agctgggtgc	ccaacgggaa	aggcggccgt	tccccctcaa	900
gctg	cacctg	aaggggtccc	cagggtcgag	gccacttctc	cttcggctca	gggttgacct	960
tcagt	gacca	ctgtggcctg	cgggcatccc	ctgggaggga	cggaggggga	tggaggaaaa	1020
ctccaa	agg	aaaggccgaa	tcctgcagg	tcgtgtcgtc	ggaaagccaa	ccatacagtc	1080
agccc	tcct	ctcctcgggc	tgccgtcgcc	atccgggtcc	acacgggctc	taagacaaaa	1140
ccccaa	ttgc	ccccaaaggcc	ccataggagg	ggcgtcgcca	gaatcgcccta	tttttagtga	1200
aagaga	aaccg	ggccgggaga	cagcggcagg	gggccggagc	attcccgaga	cgacatcgtc	1260
gactc	gggag	ttccgg					1276

```

<210> 613
<211> 451
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (20)...(446)
<223> similar to gi608681 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

agcaa	agcca	cctatgacat	gtcagcacia	cctggacatc	gagtgtccca	tgtacaccaa	60
cctc	agtcgt	ctgggcagat	cggtgcctcc	atcacggcct	ccctgtgatt	cgatggggcc	120
ctga	atgtgt	acttgacaga	attccaaacc	aacttgggtc	cataccccca	catcaacctc	180
ccc	ctggcca	cctacgcctt	ggatcatctca	gccaagaagg	cctaccatga	gcagctgtcc	240
gtgg	ccaaga	tcgccagtgc	ccgcttcgag	ccagccaatc	agatgggtcaa	gtgtgaccct	300
cacc	atggca	agtacatggc	ctgctgcatg	ttgtacagag	gggatgtggg	cctgaaagat	360
gtc	agtg	cg	ctgtcgccac	catcaagagc	aagcacacca	accagtttgt	420
ccg	attggat	ttaaggtagg	actgggtgat	g			451

```

<210> 614
<211> 482
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

```



<222> (29)...(482)  
 <223> similar to gi4753153 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 614  
 gattcatagt gcagtgtggt ggaattcgat tgcgcgaacc atgctccgaa tgagtggagat 60  
 taccacttcc tctagtgtc ccttcaccca gccattgtct tccaatgagg tgagtttcat 120  
 gttcttgcac taactttctg acagattctt ggggtgttatc aacgtttatt atacacagat 180  
 cctgagtttg ggttgaggtc tgagccttga aagagaaggg catttgatgt ggagcaggga 240  
 ttatcttcaa gtgatgagca ctgaaatgtt tggctctctta ggatccagct tttaaaaatc 300  
 tacactattc acttagtcaa agtatctatt cgtcaagtac agcctattcc taattatttt 360  
 aagaatccac aatttggact ctgagagcct tggcattcag gacattattt gacccctgt 420  
 acttaaaata tcgatattta atatatccaa tatgtgttat ttatattact ttcatagtaa 480  
 ta 482

<210> 615  
 <211> 425  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (9)...(425)  
 <223> similar to gi553653 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 615  
 tccagtgtgg tgggaattcac ccgcctccgc ccggcgctcg ggcgggaacc cgggcgcac 60  
 cgcacgtgcg ggcgctgctg cagggtgtgtg cggctcagcc cctgcctgga cagcgtctcc 120  
 tccccaaagg tgagagtccc tgcctcgcgc gccccagggc ccgaggtccc gctccccaat 180  
 ttcccctaga gatccgggtc gcccccaagc gaggtctctt gctccacgcc cgcttccttg 240  
 tgccaggggac ccccaacctcc ctgcataaag gcgtggggtc ctctccaagt cccctcgcg 300  
 atcccactgg acttcgaagt cagggtcctg cccgcccacc gcctctgtgc cagggtccaa 360  
 ccccgcccc acggtgcacc cccaggggcc tgggggtccca gtcccccaagt accccttgct 420  
 ataag 425

<210> 616  
 <211> 1083  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature

<222> (1)...(1084)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (131)...(1051)  
<223> similar to gi3242649 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 616

tctcggctga	cttattttatt	ggagacctgg	atgcagagac	aacgaggcgg	ggagtgggct	60
ggggcgacca	gcagtgagtg	caataaagga	caccactctc	ccggccttgt	gactttgacc	120
atgtgtccag	ccagccacac	ctggagctcc	ctatgggccca	gtgccatcct	gggttcccct	180
gcaaatcccg	gccccagcaa	gcagccactg	caatgtccca	gttaggctgt	ccattcccca	240
actttattca	caaatctggt	gtctgtagaa	agctgggggt	cagcaggctg	ggggcggctg	300
tccagactcc	cctggcccca	tgccctcagg	gagggagcgg	cagatcacgg	agatgcgccg	360
gccccgggga	atccggcggt	ccccaaagaa	ggactcttca	tcccgaagga	tctcatggga	420
gaagtcataa	cgggctgagc	ccctaaggat	gtagagggag	cccggctcca	gcaagagttc	480
cgagccactc	ccccggctcc	tgggggtgtc	accagaccgc	ataaccgctg	ggagacagga	540
gagacaggcc	cggcgattgg	tggccccgcg	agaacttgat	gctgtccacg	tggggcctga	600
tgtagcccg	ggcttccagg	tccagcacgt	gcacggagga	gagcagggtc	tggccggggc	660
caaaggcggc	cgcttgcacg	cgctgcagga	tggcccggt	ggcttctgac	cagcgcgact	720
tctctgtctc	tccgaagccg	tggatggccg	cgtcccagtg	atcgtattcg	tagcggcggc	780
ggcgcagctc	gggtccaggt	tctcggtca	gcgtctctc	ctctgccgtg	ctcaggaagc	840
caggccgcac	cacggcccg	tcttgcaggg	ggctcagcac	ggaagggccc	gagcctcgca	900
cccagctggg	ccctggcagc	gtccgcagcg	ccagcagccc	agtccccggc	ataatcccgg	960
agcgggggtca	tgagagaggg	cagggttggg	ggaacgcccc	cgccaaaagc	cattgggggt	1020
acctgcggca	cggattgact	tccctcagag	tcccgctct	cgctccaaca	tcangactcg	1080
tgc						1083

<210> 617  
<211> 1750  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1746)  
<223> similar to gi2950347 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 617

ggcagagcac	cactgacgta	ctccctgtta	gttttcagtc	ataggtaggg	gcacctggga	60
ggccatcagc	tccgaaagcc	ctgtgagatc	cccagatttc	gccgttctgg	acctggagaa	120
aaagaagtcg	tatgtcttca	gagagcgatc	tatgaaccac	catggcctga	gcgatccctc	180
ggagcccagc	gaacccatcg	ccttgcgggg	cccgccagct	accctccctc	ctccagctca	240
agttcaagct	ttcagagaca	cacagacctc	tgtctccctg	acatgggatc	ctgtgaaaga	300

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cccagagctc ctgggttatt acatctactc ccggaagggtg gggacatctg agtggcaaac 360
agttaacaac aaacccatcc aaggcaccag gtttacagtt cccgggctga ggacggggaa 420
ggagtacgag ttttgtgtca ggtcagtcag cgaggctggg gtaggcgaga gctcagccgc 480
caccgagccc atcagggtca agcaggctct ggctacccc tctgccccat atggctttgc 540
cctcctgaac tgcgggaaga atgaaatggt cattgggtgg aaacccccca agcgtcgtgg 600
aggtggcaag atcctgggct acttcctgga ccagcatgac tcggaagagc tggactggca 660
tgcggtcaat cagcagccca tccccacccg ggtctgcaag gtcagtgacc ttcatgaagg 720
ccacttctat gagttccgtg cccgggctgc caactgggca ggtgttggcg agctgtcggc 780
accagcagc ctgtttgagt gcaaagagtg gacaatgccc cagccaggcc ccccgtaacga 840
tgtacgggca tccgaggtgc gggccacatc cctggtgctg cagtgggaac cccactgta 900
tatgggggct gggcctgtca caggctatca cgtcagtttc caggaggaag gctctgagca 960
gtggaagccg gtcacctcag gccccatctc tggcaccac ctgagggttt ccgacttgca 1020
gccagaaaag agttacgtgt tccagggtaca ggccatgaat tcagctggtc tggggcaacc 1080
gtccatgccc actgatcccg tgctcctgga ggacaagcca ggtgcccag agatcgaggt 1140
tgggtgtgat gaagagggct ttatctattt ggcttttgaa gcccctgaag ccccgactc 1200
ctcagagttt cagtgggtcca aagactacaa gggccactg gacccccaga ggtcaagat 1260
cgaggataaa gttaacaagt ccaagggtcat cctgaaagaa cccggcctcg aggatttggg 1320
cacctactca gtcatagtca ctgatgccga tgaagacatc tccgcaagcc acacgctaac 1380
cgaggaagag ctggagaagc tgaagaagct gagtcatgag atcagaaacc cagtgatcaa 1440
actgatctcc ggctggaaca ttgacatcct ggagcgaggg gaggtgcggc tttggctgga 1500
agtagaaaag ttatctccag ccgctgagct acatctaatac ttcaacaaca aggagatctt 1560
cagctcgccg aaccgcaaaa tcaattttga ccgagagaag ggcctggtgg aagtgatcat 1620
ccagaacttg tctgaggagg acaaagggtc gtacaccgct caactccaag atggaaaagc 1680
caaaaaccag attaccttga cactgggtgga tgacgatttt gacaagcttc tgaggaaaggc 1740
agatgctaaa 1750

```

```

<210> 618
<211> 503
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(480)
<223> similar to gi2723316 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 618
ctacacataa gataattaat gctggaggga aatccccacc atgtggcaaa gctttttaatc 60
aatcctcaaa ctttactaaa cataagataa ctcatactgg agaaaaatct tagaaatgtg 120
aaggatgtgg taaagccgtt atccagtcct caactcccac taaacataac ataattcata 180
ctggagagaa acctcacaac tgtgaagaat gtggcaaaagc tttaaccag tcctacaaac 240
ctttttgaac aaaataattc atacaggaga gaaacactac aaatgtgagg aatgtgacaa 300
agcctttaac cagtcctcaa ttcttaccaa acataagaaa attcatattg gagattaacc 360
ttatgagtgt gaaaaatatg gcaaaggctt tgactagtgc tcagttatta ttattatttt 420
tgagatgga gtttactctc tgttgccaa gctgcaatac tgaggcatga tttcagctca 480
ctgcaacctc cgtctcccag gtt 503

```

<210> 619  
 <211> 1452  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (342)...(1383)  
 <223> similar to gil203941 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 619  
 tgggaagaaa attatttcag agcttggata tttctgaaag actaaaatth ttgcttactt 60  
 tggatttgtt agatgacact ttaatagttc tggctgaaga gcatggttgt ttggacatta 120  
 taaaggagct tcctgaaact gtgatagatc ttttgaataa gtgccttacc ttccatcctt 180  
 ctaagaggcc aaccccagat gaattaatga aggacaaagt attcagttag gtatcacctt 240  
 tatatacccc ctttaccaaa cctgccagtc tgttttcatc ttctctgaga tgtgctgatt 300  
 taactctgcc tgaggatatc agtcagttgt gtaaagatat aaataatgat tacctggcag 360  
 aaagatctat tgaagaagtg tattaccttt ggtgtttggc tggaggtgac ttggagaaaag 420  
 agcttgtcaa caaggaaatc attcgatcca aaccacctat ctgcacactc cccaattttc 480  
 tctttgagga tgggtgaaagc tttggacaag gtcgagatag aagctcgctt ttagatgata 540  
 ccaactgggac attgtcggtt tgcccgtctaa gaaatagatt gaaagatggt ggggggagaag 600  
 cattttaccc attactttga agatgaccag tctaatttta ccttattcaa acagcaataa 660  
 tgagttgtct gcagctgcca cgctcccttt aatcatcaga gagaaggata cagagtacca 720  
 actaaataga attattctct tcgacaggct gctaaaggct tatccatata aaaaaacca 780  
 aatctggaaa gaagcaagag ttgacattcc tcctcttatg agagggttaa cctgggctgc 840  
 tcttctggga gttgaggagg ctattcatgc caagtacgat gcaattgata aagacactcc 900  
 aattcctaca gatagacaaa ttgaagtgga tattcctcgc tgtcatcagt acgatgaact 960  
 gttatcatca ccagaaggtc atgcaaaatt taggcgtgta ttaaaagcct gggtagtgtc 1020  
 tcaccttgat cttgtgtatt ggcaaggctc tgactcactt tgtgctccat tcctatatct 1080  
 aaacttcaat aatgaagcct tggatatatgc atgtatgtct gcttttattc ccaaatacct 1140  
 gtataacttc ttcttaaaaag acaactcaca tgtaatacaa gagtatctga ctgtcttctc 1200  
 tcagatgatt gcatttcatg atccagagct gagtaatcat ctcaatgaga ttggcttcat 1260  
 tccagatctc tatgccatcc cttgggtttc taccatgttt actcatgtat ttccactaca 1320  
 caaaatthtc cacctctggg gataccttac tacttgggga attcctcttt cccattctgt 1380  
 attgggagta ggcaattctt caggcagctg cggggaccgg cttttgggct aatgggcttt 1440  
 aaatggagtg ta 1452

<210> 620  
 <211> 651  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(652)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (651)...(92)  
 <223> similar to gi3169118 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 620  
 tttttttttt ttttattttac atggatttttc ttttttaata gtaaagcatc atttatttgg 60  
 cccgttattc ccgacaccaa acccatctcc actttacagt tgaggaaact gaggtcagg 120  
 gaggctacaa atcctggcca aggacagtgg cagaggcgct atctgtctcc aaagcccaa 180  
 ggtgttg gcc cnttcctgc tttggagctc caggctcctg tgaatgggag tctctgttct 240  
 gccccacttg gaggagccag gagaggcagg gaactggggg aggatggaag ctcacccgc 300  
 acagccagtg cgaagatgca gcgtcggcag aaccaagggt tgagcagggg ctggtcagca 360  
 ctgcccgtc tggggatgtg gcaactgtctg ttggttaacc aggccacact tcccgcagat 420  
 gaggatctca ttcagcggcc ctgatgtctt ccctaggcag atgttgcaact tgggctcctc 480  
 tcttggaaca ccggcatgct gtatgtcctt ccataggacc cagtatttgg aattatcttc 540  
 gaaagtcacg aggcagcttt gcttagagct gctgaccctc ttgatcttcc cgaggtagta 600  
 caggccatct gtccaccggc acagcacata ctggccctnc gtcagtttgg a 651

<210> 621  
 <211> 698  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(697)  
 <223> similar to gil79337 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 621  
 tcagtgtggt ggaattcaag aacctgagcg ggactatgag aacgagtctg agtcttcgga 60  
 gcccatactg ggcgaggaat ccatggaagg ggatgagcac attcacagcg aagtgagtga 120  
 aaaagtcctg atgaatagtg agaggcctga tgagaaccac agtgagccct ctcaccagga 180  
 cgtcatcaag gtgaagggaag aatttacaga ccccaacttac gacatgtttt acatgagcca 240  
 gtatggactg tacaatggtg ggggtgccag catggccgcc ttgcatgaga gctttacatc 300  
 gtctctgaat tatggcagcc ctcaaaaagt ctccccagaa ggtgacctat gttctagccc 360  
 agaccccaaa atctgttatg tgtgcaagaa gagtttcaaa agctcctaca gtgtgaaact 420  
 tcaactacagg aacgttcact tgaaagagat gcacgtctgc acagtggctg gttgcaatgc 480  
 tgcattcccc tctcgccgaa gccgagacag acacagtgcc aacataaacc tacatcgtaa 540  
 actgttgacc aaagaactcg atgacatggg cctggactcg tcgcagccct cccttagcaa 600  
 ggacctccgc gatgaatttt tgggtgaagat atatggtgcc cagcacccca tggggctcga 660  
 tgtcagggaa gacgcctcct ctccccgagg gactgaag 698

004837.E 013400

<210> 622  
<211> 436  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (2)...(439)  
<223> similar to gi2072967 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 622  
taaatggaga gacatactgt gtttaaggac tggaagactc aatattgcag ggatgtctat 60  
tcttcctaga tagatttcat agataagatg caatcccaac agttttgaaa ttgacaagct 120  
aagtttaaag tctacatgga aatgcacaag gtcggaata gccaaaatgc tcttgaagaa 180  
caaggaagga ggtcttgctc taccagatac caagacttat tataaagcta tagtaaacia 240  
gataataagg tatgggttta gagatgctca aatagaccag aaaggaatag agaacctgaa 300  
aacactctca tacgtaaatg gacacttgat gtgtgacaga aatagcactg cacagcaatg 360  
aggaaatggac aggccttttaa ataatgtagg acaattgggt atccattagg aagaaaaaag 420  
gaattggacc cctcct 436

<210> 623  
<211> 746  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (3)...(746)  
<223> similar to gi3880030 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 623  
gtgggctgaa gctgcgcaag tcggagtcca agagcagcct ggccagccaa cgcagcaagc 60  
agagctcctt tcgcagcgag gcgggcatga gcaccgtcag ctccacggcc agcgacatcc 120  
actccacat cagcctgggc gaggtgagg ccgagctggc ggtcatcgag gacgacatcg 180  
acgccaccac caccgagacc tacgtgggag agtggaaagaa cgacaaacgc tccggcttcg 240  
gcgtgagcca gcgctcggac gggctcaagt acgagggcga gtggggccagc aaccggcgcc 300  
atggctacgg ctgcatgacc ttcccggacg gcaccaagga ggagggcaag tacaagcaga 360  
acatcctcgt cgggcgcaag cgcaagaacc tcatccccct gcggggccagc aagatccgcg 420  
agaaggtgga ccgcgccgtt gaggccgctg agcggggccgc caccatcgcc aagcagaagg 480  
ctgagatcgc ggcttccagg acctccact ctccgggcaaa ggccgaggca gccctcacag 540  
cagcttagaa agcccaggag gaggcgcgga tcgcccagga tcaactgcaa agagttctcc 600  
ccttccttcc agcaccggga aaacgggctg gagtaccaga ggccgaagcg tcagacctcc 660  
tgtgacgaca tcgaggtgct gtccaccggg acaccctgc agcaggagag ccccgagctg 720  
taccgcaagg gcaccactcc ctccga 746

<210> 624  
 <211> 747  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(748)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (56)...(726)  
 <223> similar to gi3063699 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 624

ctagtccagt	gtcgtggaat	tcctgggcag	tgctcttita	agaagtcaag	actcagccct	60
tcctcccagg	gacatctttt	cttgatactg	acactccgcc	tgtcccccat	ctgggtcctg	120
aggccagcta	gagggaggcc	tccagggcc	cgcaccccc	tactgccac	atctgcctcc	180
caaccagggt	ccttgcat	atctgctcct	gcaccttgcc	cagtcccccc	agccctgcc	240
tctggccctc	ctctctcctg	cttcccgcctc	atgccaccat	caagccgtga	aatatccaga	300
cgctgccaat	ctgatcacc	aactcgctcg	ccaaggagc	ctccacgggg	aatcccagc	360
tccttcctgg	ggccacagag	cccctcctca	gtctggctta	tcccaccca	cgcttcatcc	420
tggtacccc	aaggctcggc	actgagcctc	acacccagaa	cctcgagagg	acgcatcctc	480
cctgtcagtt	tcacctagta	tcctgctccc	cacaggcctg	ggggggaaaa	agtctagagt	540
gtgagccacc	ccttcctcctg	cctcagtgctc	cccagctgtc	agagggatga	gatgacagcg	600
ggccaccct	caggttgctca	cgcagacctc	gtgctgcgtg	tggtggagag	gccgtgagtg	660
ttcctgtgtg	cttctttccc	ccaccttcct	gggttagtct	gcagggccct	cctcgagagc	720
ctgngtcctt	gggtcctgga	tcgttct				747

<210> 625  
 <211> 438  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (11)...(438)  
 <223> similar to gi3983139 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 625
actgtgtctt gagagcctgt caccggagtt ttttacctca gtggtgcagg gtgtgctcat    60
ctccctgctg ggctccctgg gggctcgggc tggcagcagt gaaagtattg ctgccttcat    120
acaacgcctc agtggatcca gcaacatctt tgagcctgga gctgatgggg cccttggtga    180
gcaaaaagga tgcttttggt tgctccagga aggggcagcc agaggaatgt agatggcctt    240
ggtttagggg tattgccaag gtgggatgag gttgatgatc tggttgtggg tgggcaggcc    300
aggtggtaaa ggccattgct aacatctgcc cttgtccccc aggattcttt ggggccttgc    360
tttctcttct gtgccagaac ttctctatgg tggacgtagt gatgcttctc catgggcatt    420
tccagccact acaacggg

```

```

<210> 626
<211> 509
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (66)...(363)
<223> similar to gil90672 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 626
ttagagtggc ggactgccag acagaacccc tcgaggggaca gagcaggaaa gaggacaagg    60
ggtggggggtc tcagcagggg caaggcttca ctaaagaata ggggaccacg ggggtgtggag    120
acacactgga atcttgtgga ccctctgagc ctagggtctg ggtgggtgcct aacagcaatg    180
aaagggcaga gttccaggat tgcagatggc aaaacgcctg cgtggcagca agtgggagtc    240
ttcactggcc tgccctcct tctgtgtggg gcactctcca cagggtcttc agctcatcta    300
gatgaggagc tccaagccac actccacgac tttagacatc aaatcctgca gacaagggga    360
ggtaagggga cccctgggc ctacggggt aggagtctcc cacaaattcc cctcattctc    420
agcaccagct tctagaacat agagatgaca aacaagcgtg cacatgcagg tcttggggaa    480
aggaatgatg cttgcttttc tgatgtctt

```

```

<210> 627
<211> 998
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (8)...(1001)
<223> similar to gi4240130 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```



```

<400> 627
agtttccagg tgtctggaaa tgaagtatgg aaatgaaatc atgaataaaag acccagtttt 60
cagaatctct ccacgaagta gaggaactca taccaatcca gaagagcctg aagaagatgt 120
tcaagctgaa agagtccaag cagcaaatgc actcactact ccaaacttgg aggaggaacc 180
agtcataact gcaagctgtt tacacaagga atattatgag acaaagaaaag ttgcttttca 240
acaacaaaga agaaagcagc catcagaaat gtttcgtttt gtgttaaaaa gtgaagtttt 300
gggattacta ggacacaatg gagctggcaa aagtacttcc attaaaaatga taactgggtg 360
cacagtgcc aactgcaggag tgggtggtgtt acaaggcaac agagcatcag taaggcaaca 420
gcgtgacaac agcctcaagt tcttgggtac tgccctcagg agaactcact gtgtcccaaa 480
cttacaatga aagagcatth ggagttgtat gcagccgtga aaggactggg caaagatgct 540
gctcttagta tttcatgatt ggtggaagct ctcaagctcc aggagcaact taaggctccc 600
gtgaaaaactc tatcagaggg aataaaagaga aagctatgct tcgtgctgag catactgggg 660
aaccatcag tgggtgcttct agacgagctg ttcaccggga tggaccctga ggggcagcag 720
caaatgtggc agatacttca ggctaccatt aaaaaccagg agaggggagc cctcttgacc 780
accattaca tgtcagaggc taagtctctg tgtgaccgtg tggccatcat ggtgtcagga 840
acgctaaggt gtattggttc cattcaacag ctgaaaagtt tggtaaagat tatttactag 900
aaataaaaaat gaaagaacct actcaggtgg aagctctcca cacagagatt ttgaagcttt 960
tcccacaggc tgcttggcag gaaagatatt cctcttta 998

```

```

<210> 628
<211> 1523
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1310)...(0)
<223> similar to gil370543 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters-

```

```

<400> 628
ggggggcccca taaaaaaact tttaccttgc cagcccgcgg tagtaaacct ggatccttta 60
aaacggccccc cccttttttt ttttttctt gtttcaagtc caatttatth cacacaacac 120
acaggctgct gaggggaatcc acctgcaactg cactcagttg aacttccggc ccagtgccgc 180
gtcagagact aaacatggg agaaagttca caccctggcc tgggccaccc accttcagct 240
ctctcctgtg cgtcaggacg cacgtggcc ccaagagctt cactcaacac ggctgggtcc 300
tgggcggacg tgggcacagc acttgccagg cgcacctggc aggggctctt ctcatcctc 360
cgcaccgctc tctctccgc tgtcttcgtc gtcgacccca ccctcggcgc cctcaacctc 420
ctcactgtcc tcttccgagt cgtctcctc cagccactcc tgagtttctg ggtccatctc 480
caccaaggcc ttccacgcct ccactcctgtg caggtccagg cagtgcaggt cgtgagggg 540
gacctggcgg tcgcccggcct caaacatgcc cccatagacg tagagcacc catgcttcac 600
agccagcatg gcgttggagc gtggacacgg cccaggtgcg gggctgccgg cctcctcaag 660
getgtcttcg tcttcagacc ggggctgccc cgcgagcct ggcgcggtga gcacctgctt 720
aatggtgacc acggtgccat cctcgccac cacctccttg accagctgca caggccccctg 780
ggtgccagct cccccaacg ccggcctgct accaccttcg ggctcctctt ttctgccccg 840
cctgcgtttc ttcttttcag acttgggtcc cttcagctgt ccctcaaacc aacggttct 900
ggtggcgtcg tagaagtaca gatcgttgaa gaactcggcc gacaggtctt cctcctcttc 960
ctcgtcacag acacccccga agaacagtgt ctggtgatth ggggccatgg ccacggaaaa 1020
gccagaccgt ggggtgggct tgacccccga aggggtcatc cgagtccaaa cccacttgct 1080
ttctcttccg tctctggct tcagcaggaa catgtctgag tgccgtgtgc ccttgctccac 1140

```

```

gtctttctta actctctgtt tcgagtagcc cccatagacg acgatgccgc cctgggggagt 1200
gacggacatc tggcagcctg atctgggtgt gggccccgtc cctgacgggg acagcttgct 1260
ccatgtgaag gtgtccagat taaaggcata cacgtcgttg tagtagatgt aatccctggt 1320
tagaagaaca gcagctgtca ggggtccgtaa cattgggaaa agccctgaca ttaaaaaactg 1380
aactgattta aattaaaagg aaatttccta ctgtttgggg aaaaactcaa accatttttc 1440
tcctctgctc ttacaccaac acaacaatca acacagaaac gtggccggaa ttccaccgct 1500
ctggactagt gatctgcgat caa 1523

```

```

<210> 629
<211> 1219
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1220)
<223> n = a,t,c or g

<220>
<221> misc feature
<222> (1031)...(1214)
<223> similar to gi2894106 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 629
tggaattccc cggtcgcgagc agccccagca gccctgctgt ccgggacttg gtggagaggc 60
atcaggttag cctgtgtcgc tcccagtcct tctcccacca gcagcctttc cgaagccacc 120
tcatgaggtc gggcagtggt atggagcgca tagccatcac gccccctgtg gcctctcctg 180
ttggccgccc cctctacctg cccccggaca aggtctgtgt gtctctggac aagattgccca 240
agcgcgagtg caaggtcctg gtggtggaac ccgtcaagta gcaccgtgcc agctctgttc 300
cctcttacac tccagagacc caacgcccc agaggggatc cctgctcccg ggctgtgcct 360
cccctgggat gcctcccaga cgggggtgaa gaggcctggc agagctgcct gtcttgtgtc 420
tgctgatgag ggatggggga agaagctgtg aagtgggcgg gcatggctgg gactaagcca 480
ccagtattcc ccgagttcct gtgggggggg ctggccccac ccctaggcca gggcaagggt 540
tcccagagct cccttgctcc cggcccttta ccctggttct gagtttataa agtctcttcc 600
tcattcccgt tgagttcttt cccacctctg acattccctc cctccctccc gcagggctga 660
gattagaggg tggatgatggc taagggtccc tgacagtgc cttcctgtct caggggttgg 720
ggacagggcc aggtagcctc ctgcccctta tgtttacgtt tgcagcctga agcactttaa 780
tttttttttt tttgggccgt tccctgtaac gttattttcc aactattgca ttccaactga 840
aaaaaaaaaacta ttaaattgcct gttcggggagg gaaaaaaaaa aaaagggggg ggcccccttta 900
aaaaaacctt tggggggccc aaatttaacc ggggatggaa aggaaaaatt tttttcctta 960
agggggggcca aataaaaacc tccttgggaa ttttggaata aaacctttt tttggggggg 1020
ggccaaattg ggccaccccc ccccccaaaa tttaaagcct ttagggaaaa aaaaaatttt 1080
taaggggaaa aggggggaaa aaaaccccaa aaccctgggg gttaaaaaat gggccnnnac 1140
ccnnaccttt aatacaanta caggcggntt gcttctgcct aacgataccc atcaaggggg 1200
ggcctcagaa tctaattgcg 1219

```

<210> 630  
 <211> 377  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (43)...(289)  
 <223> similar to gi3193226 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 630  
 ccaccatgcc tggccagccc agcagtttct tatcccatgt agcaaccact ggtgcagggtg 60  
 gcagcctggg gcattgggga gtatggggac ctctgtctgg cagggaactg cgaggagatt 120  
 gagcccttcc aggtgagacc tcattggggg tacactgagg agggacttgt cagggggaca 180  
 ggacttgac cagggccact aactgtatcc atgtctgaag gtggacgaag aggaagtgt 240  
 ggcatgtctg gaaaagggtgc tgcagtccca catgtccctg ccagcaggag gtccccatac 300  
 tccccaatgc accagggtgc cacctgcacc agtggttgct acatgggata agaaactgct 360  
 gggcgtcgac gcggccg 377

<210> 631  
 <211> 1468  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1469)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (845)...(1445)  
 <223> similar to gi953172 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 631  
 agttcnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 60  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180  
 nnnnnnnnnn nnnnnnnnnn nnnccatgag ttcttagaga atttctagct tctgtttctt 240  
 taaacatggt ttattagctt tctaaattat gaaagtaaat acaactggaa aaatacaaaa 300  
 tccaaagtca agggagtaaa aaaatgtaac tcccttggtt cccctccccg cgtaaccgtg 360  
 gttacacgtc ggtgtgcacc cttacagatg ttttttctat gaaaatacaa acattcgact 420  
 tggttcttgg actttacctc gcagtccgag gagaatcatg tgaacagcat gaaagcagca 480  
 tggtccgaag actgcaaac ataacatttc catatctact gactctgaat tcctgtttct 540

agaggacccg	caccacacgtg	gctctgtgca	tccgcagcaa	cttgggtcttt	cttccttttgc	600
tgagtttgg	taagggaaa	ggccgattat	tgagtgggct	cagttcacag	gtgcctgaaa	660
ttcctactta	gcaatgttcc	tttccagctg	attccgcctc	cgagagcctt	aggaaaaaat	720
gctaacagtt	aggagcgaag	cgtccttaat	tgctcagtc	aattatctag	atgggtccag	780
gttcggtttc	gattcagaga	taaggaccag	ggggcgggga	cgcttccagg	tgagcccctg	840
gttaggcttg	cctccccgcg	gagcgcacgc	gggtctcgct	ggctggactg	ggcctttcaa	900
gaccaggtaa	cttctccatc	cggtatcgcc	aggcttacct	gggggcctca	gaattgtgtc	960
agctgcgtct	ctgagtcacc	ttggaacccc	tcgaaggagc	gcggggctag	gagggcgcat	1020
cggtgggccc	ggggaccccg	ctgctaggtg	tggttggcgc	caaggccgcc	tctggccggc	1080
ggagccctgc	agtgtccgga	gggtgcggtc	agagtccggc	ccttttaggcc	ttgcctcggt	1140
atccgccttg	ccccttgggc	cgcggcacgg	gttcgggccc	agcggcccgc	atcttgcggt	1200
tctggcttcc	tgagacgggc	gtgggacctc	gaggaaacca	ctctgcatga	ccccacgaag	1260
agaactaagg	accacccccc	acccttcctg	tccctggacg	cttcataagc	cagaggatcc	1320
agtggcagta	ccaagcaggg	caccactctg	ggtcgtgagc	acctaagagg	tgagacaaag	1380
gtcagacccc	aggttgggcc	aggcctccct	ccccgcctc	cccgccgggg	ccattcctca	1440
cccgaattc	caccacgctg	gactagag				1468

<210> 632  
 <211> 852  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (50)...(666)  
 <223> similar to gi726436 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 632		
ctcagccggt	ggaattcggg gccagacgg gcgctttgtg atggggccca ctgtggcggc 60	
cccccaggaa	aggtcaggcc gggagcagg agaacctcgg actccagccc agcgtctggc 120	
ccggtccttt	gactgtagca gcagcagccc cagtggggca cccagcccc tctgcattga 180	
agacatcagc	cctgtggcac cccctccagc agccccaccc agtcccttgc caggtcctgg 240	
accctgtctc	cagtacctga gcctgccctt cttccgagag atgaatgtgg atggggactg 300	
gcccccgctt	gaggagccca gccctgctgc acccccagat tacatggata cccggcgctg 360	
tcccacctca	tctttccttc gttctccaga aacccctcct gtatccccca gggaatcact 420	
tccctggggct	gtggtagggg ctggggccac tgcagagccc ccttacacag ccctggctga 480	
ctggacactg	agggagcggc tgctgccagg ccttctccct gctgcccctc gaggcagcct 540	
caccagccag	agcagcgggc gaggcagcgc ttcgttcctg cggccccctt ccacagcccc 600	
ctctgcagga	ggcagctacc tcagccctgc tccaggagac accagcagct gggccagtgg 660	
ccctgagaga	tggccccgaa gggagcatgt ggtgacagtc agcaagagga ggaacacatc 720	
tgtggacgag	aactatgagt gggactcaga attccctggg gacatggaat tgctggagac 780	
tttgacactg	ggcttggccca gctcccggct cagacctgaa gctgagccag agctaggtgt 840	
gaagactcca	ga	852

<210> 633

```

<211> 1760
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1761)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (152)...(1734)
<223> similar to gi3242649 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 633
tttttttttt ttgcaatgaa aaccctttaa tgttgggctt tctttaaata aaacagaaag      60
gttgagcgtt tcccatggtg gctgtaaggc aagaacagca gtgagggcgg gcgtgttcta      120
tcgggcagtg ctgcagccct tgactctggc tcaagtgagg ctctctggag gcagcggcaa      180
ggaggcagtt ctggatgtgc aggcacagat gtaggggaac aggcaagcgg gcacagggcc      240
ctgagctgac aagcagtgac ccctgcaccc agctagatgg ggcacccccct ctctgggagc      300
tgagggcatc agctggagcc tcaggctggg accagcccca actttgcctt ggtgactctg      360
ggccattcca ggctcagtt tccccagctg taaggtgagg cattaggcag gagggggtgg      420
ccccagccag tgcctagta gcctggtgtc tccattaggg agacctgaga agctgccagg      480
agaggctctg ctagcgcaag gcagggccgg cccagcagct gacaaggaac atgctgaata      540
tagaggacag aggagttaag aagacgcctg ccggccaggc cagagagggg cagctctaag      600
ggggtacagc ggctgtggt gctgtaggcc cagaaagggt ggggatcagc ccaagtcaca      660
gagcatggcc ctggtgggag gcgaggggtg cgagtggaca aggacacccc tgcagagtcc      720
cacccccact ctattccctc caacaaggga acgcccagca ggaagcctgc tgtctttcca      780
ggagcccctg tgccacctag tctgacccct ctcagccaca aggctaccct cccgtccagc      840
ctgactggag gtagaggagg aggaggaggc aaggccgact gcagtgggga gcccggtgtc      900
cccgctctct gtcagcaaat gcctcccttc catctgcctc tagccccggc ctctgaccac      960
ccaggctctg ccccaggcct gcaaccacct cagcggaagc cagaggggct gcctggcaga     1020
tgccgctctg acccttcagg agtgcccact gcacctgaat caggcccagg ccctggagag     1080
cccaggcctg taccaggat gctctggtct ggccctgcct cggcccttgc agtgggtccga     1140
gccaggatct aggtcggga ggcacttgtg ggtccctttg ctccaggcac catcctcccc     1200
tacctaggcc cacatgagtg gcctcatcgt agggccaggc aggactctcc ttgtcccatc     1260
catccccacc ttgagggcag agctgggtca ggatgccaat gccactcctc cttctgccta     1320
gcgtggagcc cagcacagag gggatatcaat aactgggggg gccagtgagg tggagcaggg     1380
tgggccaggc tggtcaggag gctactccag ctggaacaga gtatggctga gactgcccat     1440
ctgtgggcag ccccaggcc caggatggtg gccagggcag acggtgtgaa ggtggcggtc     1500
actggtcctt ggtgacatca ctgagccac tctccatgcg gagcagctgg ctgctggcct     1560
cgtttagga gatccagtgc tgcagatcag cgggcagctc agggggctcc accctgcgct     1620
ggcacagggt ctgcacgacg cgctcgggtg aggtgcccag caggtgctgc cggaagcgca     1680
gcagcgcgca cacgaaaccg tcccgcaggc tgacaaagcg cgcctccagg tagaacgcgc     1740
ggaagtcgnn aaaacgggtc

```

```

<210> 634
<211> 518
<212> DNA

```



```
tccctgggat tgtctcaagg agtccgcagt gagattcttg gtctcagtag tgggaaaggg 1020
tgaggctgag gctgcctgct gtcctggggg cctcaccttg ccaccaacag gaagccacac 1080
agaggggaagc agaaatgaga cgcagccagt gagggcaggg tacaaagggt agatcccgga 1140
gagacagatg ctgggacatc atccttgggt actggttcca acagtgcctg cagatggagc 1200
caccctcgga gag 1213
```

```
<210> 636
<211> 1124
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(1094)
<223> similar to gi214044 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 636
gggcccgatc ccgagcccgc ggccgtggag gttcccgcgg ggccgctgct cagcgcccgg 60
gagctcttcg ccgcccgcgc gcggtcgag aagctgcccc agcgtcgca tggcccgaag 120
gactttctgc ccgacggctc ggcagctcag gccgagcggc tgcgccggtg ccgggaagag 180
ctctggcagc tgctggcaga gcagcgcgtg gagcgcctgg gcagcttggt ggctgccgag 240
tggaggccag aagagggcct cgtggagttg aagtctcccg cgggcaaatt ctggcagacc 300
atgggcttct cagagcaggg ccggcagcgc cttcacccgg aagaggcctt gtatcttctg 360
gagtgtggct ccatccacct cttccaccaa gacctgccac tgtctatcca ggaagcttac 420
cagctgctgc tgaccgacca cactgtgacc ttctgcagt accaggctct cagccacctg 480
aagaggttgg gttatgtggt tcgacgattc caaccaagct ctgtcctgtc ccggtatgag 540
aggcagctta acctggatgc cagcgtgcag cacttgagg atggagatgg caagagaaag 600
aggagcagct ccagccctcg gtccattaat aagaaggcca aggccctgga caactccctg 660
caacccaaga gtctggcagc ctccagccca cctccctgca gccagcccag ccaatgccca 720
gaggagaaac cccaggagtc aagcccatg aagggccag ggggcccctt tcagcttctg 780
gggtccctgg gcccagccc tggcccggcc agggaggggg tggggtgcag ctgggagagt 840
ggcagagccg agaacggagt cacgggagcc ggtaagcggc gctggaactt cgagcagatc 900
tccttcccca acatggcttc agacagccgc cacacccttc tgcgcgcccc agcccagag 960
ctgtcccggt ccaacgtggc tgggcgggag acagacgctg agtcctggtg ccagaagctg 1020
aaccagcgca aggagaagct ctccaggcgg gaacgggagc accacgcgga ggccgcgag 1080
ttccaggaag atgtcaacgc cgatcccag gtgcagcggg gctt 1124
```

```
<210> 637
<211> 837
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (103)...(831)
```

<223> similar to gi3413391 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 637

tttttttttt	ttaggggttta	aaaaggggct	tgtttaatta	attaaataca	aggatgaggc	60
caggcagggc	gggggagggg	cgccacccac	ggaaagcaca	cgctctcgg	agccgcctcc	120
cctgcaaacg	gctggaacca	ggtcccagtg	atcagcgact	cctgggagag	tggaggggtg	180
ggcgaggtc	tctccgagcc	cctggacact	ggagaggggc	ccagttatag	agttctggaa	240
cccacagcc	tacctacccc	tgctccagac	aggcccctgc	cagggctggg	gccaaccaag	300
actcacaag	gaaaacgggg	ccccagtc	ccacccaccc	ccacagacta	aggcatctca	360
ctagcgctgc	cagaagaggg	tttgaggcta	gggacagaga	acacagagag	ccgagggctg	420
gatggggcag	gaccctccga	gcccagctcc	agaagggcgt	cccctgcctc	cctcccccca	480
ggatcccagg	cacccatccc	tggatcctgc	caggccgggg	ctgggtccag	gtgcacacca	540
gtgccatcca	aagccccct	gtccccaaag	gagaggcagg	acggttctgg	aacaaaaggg	600
ggtacaaaa	acctcctgca	gccaacagtg	gggggatcca	cctttctggg	tctgacatgg	660
aaccggggac	ccttctcatt	ccaggctggg	ggtcctcaat	acccccccca	agaggaaatg	720
caaccaggc	cacagcagga	cgaccgctga	caaggacaca	aaggtggccc	ccgaggaaca	780
agtccccacc	ccacccaagt	tcagctcaga	gacccccga	attacaccac	acgggaa	837

<210> 638

<211> 964

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (21)...(209)

<223> similar to gi3598974 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 638

gtccagtg	gtggaattcc	cgggagcctc	ctcaggctcc	ctctattaaa	gccgatctga	60
ctccgccag	ccagatgtcc	cgagtgcgcc	aaggactgtc	ctctaccca	ctcctggatt	120
ctgccctgac	ctccatcctg	gacactgcct	tgataacata	gacccttcca	ctgacaccct	180
cgctctcaca	ccccctccag	ctttccgacc	ccacaccgac	aactccccgg	cttcagacc	240
ctaccagcac	taccctaacc	ctcagccgac	agtctcagcc	ccaccgaccc	actttcttgg	300
catatagccc	cacttaagac	ccctcctcta	cttccttctg	agtcctctac	aaagacatcc	360
gggtactaca	tttccatccc	ttccctat	tgacacaaa	ttatgggtgta	gacagccctc	420
ccccaaaccc	aggccagtca	ggcacaatcc	ccccaccccc	caaacgtcct	ggactgcaca	480
gacctccac	tccagaccat	ccaggcctgg	ttcccaagac	ccgatccctc	ccctgcaacc	540
agacagtcta	caactgcccc	ctccagccca	ttttctgccc	tgaaaccca	gccagccaca	600
ccagactctg	gaacctttt	tcgactgccc	caactcttgg	acaccaggcc	aactagaaca	660
cccaacacca	aactgtacag	actctccac	cccaacctcc	ccagactctg	cacggatgtc	720
ctaggcccc	tccccaaact	taaccagacc	ccatccccct	aagtcccttt	gtcttgaccc	780
ccaagtcttc	aaccaagata	tctcggcaa	ccccacctcc	cacctcctc	ctctttctcc	840
tttcaaagac	ccaactgagc	acccgctctg	attccccaca	gcctttctcc	ctgggcacca	900
ctcccttagt	ctttccag	cttactctcc	cgaataaatg	tgctaggagc	tctgaaaaaa	960



```

<210> 639
<211> 1353
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (110)...(1206)
<223> similar to gi2754696 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 639
tttttttaaa gttcacaaac cccttgaact ttatccatga gatttttctga tgacccaatg      60
acttaatcct gctactgact taatcaaaac ccagtcaccta cagaagagac ctgctcccccc      120
gtcacagcgc cccccaccgg ccccccatgc cgcttatttt aaaagcgcag ctcccacagg      180
ctgcctttcc ttcatgtttct gtccatgccc ccagccccag gctgcccctct cttggcggca      240
ccgtcccacc ccgcctgctg cactgagccc gctggggcctg ggggactctt gctcagtaga      300
acccgaggcc agcaaaaagct cttagcccag gatggctgca gcagcgacag tcctgaaggc      360
tacagagaca cctggaaaagg gaacaaggag agcacgacag tccctgtgct gaggatccag      420
ggtggtggcg gcaggggtta gtgtacagtc tcgagaaaac agggcggcgg cagggggctg      480
cactgacctc tatacaccca gagggttttt aaagttgaat gacaagggca cagctacagg      540
aacgacccca ggaagaagtc ccgtgacggc tggagtcaga agcccctgaa acaagcacct      600
ccccagtgag gccccaccgt gtaccacagg tgctcatgac cccccccagg ctctgcagcc      660
tggccagaga ccaccgaggc cccaggaggg gcttcagaga tggagatgaa gctgcatctc      720
cgagccatga ggcccagtgg ggcccggaca gagggagcct ggtgttcaca caccacatct      780
gtttttccaac aaagtcaaaa cacggtgggt cctttcagaa gatccccagc acccgacact      840
tcaactcaga ctccaggcgt cgggcgaggc cagacccagg agatcacagc ctgtagcggg      900
gacagaaagg tgtgactccc tggaagcgtc cagcaacttc tctcttgttc aagtggcacc      960
ccagggtccag agcggggctt gtgggggagag gagcacgggg gcttcgtcct cggaggcgcg      1020
gagctccaag caagggctga gcagcagctg ggagtctccc ggaggccaga acattactgg      1080
ccccgtgtgc acatgcgcct tcttgagagc ccaaaaggca gataccacgt atcccacaa      1140
atatctactt acagattggg aaattgaggc aaaaagctca ggtaattccc acaaggccac      1200
agagctggta agcgggtggg ttgagattca gtggcaacgg gccgaggtct cctgggtgtg      1260
gtgtggaccc tgatggtgag cagggtaggg acctcctcga gcccccatgg aatcaggctg      1320
cttaccatca cgaaatccac cgcgctattc agg                                     1353

```

```

<210> 640
<211> 1081
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1082)

```

004303 "E2Z89450

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (999)...(329)

<223> similar to gil59714 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 640

tttttttttca	aaagatgaaa	taacacactt	agcatttatt	gagcagctac	gggatgtctt	60
gccttgcgct	acaagaactt	tccatttttca	tttccttttca	cccctaggag	gtagggattc	120
tttgccttcc	agcacacaca	gcagcctggg	cccaancaag	cctctaggat	tctctaggaa	180
cagaagctca	acagtgacaa	accatgtctg	tggctgagcc	ccaaaagtcg	ctggcctgtg	240
ttgggtgtga	atggatgtta	ggtgcctcga	gtcagcgaca	gagaccaacg	gcaagggtag	300
ggatctcaga	gtgcattgtt	agagcctcgg	ggtctgggtcc	aggaggccag	cattgttgac	360
attttgtgat	cttggaaacc	ttctccctgc	agcagaggga	gcattaggga	ggccgggaga	420
cagtgggagc	acccctcac	tgtaatgaac	acaagtcccg	tagggggctg	atggagcagg	480
gccacctcaa	tggaccact	ttccctccc	agccctgat	ttgatcaggg	ccacagctgc	540
cggctagcag	gggtggatgc	tcccccgccc	acttctgga	ggtccctgaa	tgtcccatg	600
agtagggctg	aggaacaggc	cagaggtctg	gcccacctgg	ggcccctggg	catggagaag	660
gattggggcc	caggcacttt	ggtgaggcca	gtggaggcca	cagtcccacc	cagggccctg	720
ccccggctac	ctatgttcat	aatccccagg	ccaggataga	gatcctcgct	gccctctctc	780
caggaacccc	tgccccgcct	caccagtgtc	tgggtccctc	cctgggcctg	ggttcctgca	840
ggacctggct	tgggcaccac	cctgcacccc	tgatttccac	ctgtgagcct	ggcctgcccc	900
cgtccccac	ccttcttctg	ccctctcccc	acctgggtca	gcggccccct	ggaggcgaca	960
gggctgaggc	ccgtccttgc	gctaagaatt	cctcccccca	aaacctgccc	catacactga	1020
acaggcaaga	ctactgctaa	ggcagtgatc	tgggcgccc	aggccttccc	gaattcccac	1080
a						1081

<210> 641

<211> 2446

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2447)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (581)...(2428)

<223> similar to gil418928 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 641

ccccaaagcaa	ttgggcgaac	atcttccccgc	ctagcnccaa	atcctggctt	tcagcaccca	60
-------------	------------	-------------	------------	------------	------------	----

ggcccagctc	agcagagcca	gtgtaggctg	ctaggagaca	aatgcccagg	ctggactatg	120
ctctccacag	tacctggggc	ccccatcctg	ctaaacgcta	cagggggtct	gcccagcccc	180
acctcacctg	tccccatgct	caggcactgc	cttccttggt	ttacccccag	agtgtacaga	240
gatgccccct	actctcctcc	cctgctttaa	aatccttcaa	tcacaattcc	acagaggact	300
caccttgccct	atgtgtataa	aaacaaagcc	agggcatgcc	cacaagcagg	agatgggaac	360
atcacccgca	cctggccgaa	tggctctgaa	gcgaagactc	caccaggccc	agattgtatg	420
gagtgggaagg	tgggggtggg	ggaggagcag	cagagtgcag	atttaaaactg	gctcttacaa	480
tccatctcca	gggtttgcac	ctgtttcccc	atgtagtttt	taatagcatc	ccgcttcata	540
ctcagaagtg	tcccaggggtg	gacaagacat	tgtgtggcac	ccttgcaatg	gcccgcgctg	600
agcagtggga	gtaggggatg	gggagggcgg	ggggcagggtg	ccccctctcca	ctcaccttcc	660
cagaaggccc	caccacctc	cctcagcacc	atctccagtg	ggtggggcaa	catctgtcct	720
ggcctcagat	tgcccaagac	accatttgct	cacggaggcc	accatgcccc	aatatgtact	780
tcccgtttcg	ggaccaccaa	gctctgggga	ctggaatgca	ggcagtggaa	gccccagatt	840
gacttaacct	gttgacagat	cttcagagaa	actgctggta	ggaggcagct	ggggaagggtg	900
gcgatggcca	gtgggcaggc	aggcctggcc	ccagagccac	tgtggtacaa	agaggaagtc	960
tgacagaaga	gcagcctcgg	gcaaaacggg	ggagccaagg	cggccacggg	ggagaagtct	1020
ctccaccgtg	ccctgtgtct	ggtgcctggg	aggggtggccc	agtgtccatc	ttgtcccact	1080
gatgctgcca	catcccaagg	ctcatgtctc	agaacgagag	ctgctgaagg	gctggacggtt	1140
ctgagacttc	ttaagatgta	agtcatttgg	catctgtagc	tggatgaattt	caggtctcta	1200
ggggagaatc	tcagcacccc	aaaatccttg	gaacaggggc	tgagccgtcc	agcatcccca	1260
tgtagcatcc	agaggggttg	aggggctggg	cttctgggat	gtcacagtat	ctgagcccag	1320
agcaggaggg	aggggaaccag	ggccgaggcc	aaggaggcca	ctcacagagc	cagccctggc	1380
tcaaatgcac	ctgccccaga	cccagccaca	acagccact	gtcccccagc	tgggctagat	1440
gacctcaaag	tttgagagat	cagggacagg	gtccagggat	gggaagaaga	cgtctccggg	1500
gcctggagga	gacagggggg	tgtctgggctc	cgaaagcaga	tgccgcccag	actcagaagg	1560
ctgccgctgg	gccacatagg	acaggggggtg	cctgactttg	gcctcgggta	tcccctgggc	1620
aggtggtgag	gcttcaaagc	cgggggttttc	aatcccttga	atgttgctgt	ccatccgcac	1680
cagctcctgg	gcacggcggt	tggaggtctc	ctgcctttgc	ttgtagacca	ggagcaggat	1740
gagggggagg	cagaggattc	ctacgatgca	ggcaccgta	gccagggctg	cagccgtgat	1800
gttttcactc	tcctgggagg	aggatgggta	caccacacag	ttggatgggtg	catctttgcc	1860
tgtctgcacc	tgcagttcca	tggcaccatg	gaccctgtgc	tccgagtggg	ggtgcctgat	1920
ctccaccacc	aggcagcagt	agaggccgct	atccagcagg	gtcaggttgc	gcatggtgat	1980
ggagaagtgtg	ccatggtggt	cggaggccga	ctccagccccg	tggcgctgag	ccaggtcgtg	2040
gctggtgttg	gcagcctggt	ggcctccatg	gtgcaggtga	aggtcctgga	acgtgagggtt	2100
gcggatgggc	cggcgctctg	agcaggtctg	cacctcgccc	ctcgagctgc	ggtaccacgt	2160
cttgtagaag	gtcacatcgt	gccctttgtc	cacagggccc	aagagcctgc	aggtgagggt	2220
gacgttctgc	ccctcgggac	agacatacag	ggaatacggc	gtggcgacct	tgaaggctgc	2280
caccggacct	agggacgcag	ccaggaagag	agcgaagagc	agggatcccc	agcgccagct	2340
gccggcctcc	agggccgtgg	ggacgcccac	gtcgccgtcg	gacgcgcaga	ggaacttctg	2400
gtgccgggga	gcgggcggga	cgcggccggc	gcggggaagc	ctcccg		2446

<210> 642  
 <211> 781  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(782)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature

<222> (20)...(758)  
 <223> similar to gil230564 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 642

aaaacacaga	tganaatgag	atgtccttca	agtctacagt	ggatctgaag	ggagggctat	60
tattttctgt	gagacgaaga	agaatgtaac	tgacatggcc	atgaatccgc	acaaaacaga	120
atgcactgtg	tttacatggg	gacattgcac	agtcacaaag	agaaattaca	ctaaaaggct	180
tcagagaggt	aattataaaag	ttttgggtggc	aaccaatgtg	gctcctcgtg	gtttgacat	240
tcctgtagtt	gacctggtga	ttcaaagttc	tcctcctcag	gatattgagt	cctatatcca	300
tctctctgga	tgcgtgggta	aagctggaca	gacaggggtt	tgtatatgtt	tttatcaacc	360
aagagaaaagg	tcaactaaga	catgtggaac	aaaaaacaca	aattactttt	aaatgtgtag	420
gtgttccttc	tacaatggat	ttagttaa	ttaaaagcat	ggatgccata	aggtctctgg	480
cttccattta	ttatgcagct	gttgattttt	ttccaacat	cagctcagat	actgatagaa	540
gagaaagggg	cgatagatgc	attggctgca	gctttagccc	acatttctgg	tgtatcaagc	600
tttgaacat	gatctttaat	caactctgat	aaggggtttg	tggccatgac	tctggaaagc	660
ctagaggaaa	tacaggatgt	cagctgtgct	tggaaagaac	ttagaaagaa	gaatagtaat	720
gcagtgtctc	agattaccag	agtgtgcctc	ttgaaagaaa	atgaattcca	ccacgctgga	780
c						781

<210> 643

<211> 970

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(971)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (15)...(872)

<223> similar to gi2653222 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 643

gtggtggaat	tcgccaccgc	gaggagccgc	tctcccggtc	cagccgcaag	aggaagctcc	60
tggaggacac	agagtcaggc	aagacacttc	tggtggatgc	ctaccgtgtg	tggcagcagg	120
gccagaaggg	tgtggcctat	gacctgggcc	gtgtggagag	gatcatgtcg	gagacctaca	180
tgctcatcaa	gcagggtgat	gaggaggctg	cgctggagca	ggctgtgaag	ttctgccagg	240
tccatcttgg	ggctgccgcc	cagagacagg	cctcggggga	cacccccacc	actccaaagc	300
accccaaaga	cagccgagag	aacttctttc	ctgtgacagt	ggtgcccaca	gcccctgacc	360
ctgtgccagc	tgactctgtc	cagcggccca	gtgatgctca	caccaagcct	cgccctgcac	420
tagctgccgc	cacaactatt	atcacctgcc	ctccgtcagc	atcagcttcc	accctggacc	480
agtccaagga	ccctgggcct	ccccggccac	acaggcctga	agctaccccc	agcatggcct	540
ctctggggccc	agagggagaa	gagctggcga	gagtggcaga	gggcaccagc	ttcccgctc	600

```

aggagccacg gcacagtccg caggtgaaga tggccccac aagttccccg gcagagccac 660
actgctggcc ggcagaggct gccctgggca caggcgctga gcccacctgc agccaggagg 720
ggaaactgag gcctgagccg agaagggatg gggaggctca ccacctcnn ccatcacacgc 780
actgcttgcg ccattggtgc caccctcga gccaaaggcca acgcaaagta ctagagggtcc 840
agtaccaatg agtgacccca cctgtgtccg cgatgctcac ctctaattgt cctccaccga 900
cagtcctctt aaggcgctct attcattcca gagccacttg ggccccctgt tgcttacctt 960
gagcctgccc 970

```

```

<210> 644
<211> 616
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (16)...(616)
<223> similar to gi2065210 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 644
gcgtgtggcg gaattctcca ctgctcctat acatactgcg ccacctagaa gctgctagac 60
tgatggaatg ttggtatggt ctgctttagt gccagggtgg agacaataacc ctgccaagat 120
gtgccaccgt ctctgcaca cagtatactt attgaatcag aaagcctgta tgatgctgtg 180
tctacaacag gaatatatag atttcagaac caaggagtgg aggcaggagt gacccactt 240
accatcgcac ccaacgaacc actgagggac ttagtacttc ccatgcccac aactccaggt 300
tctacagcat cagaagtcct agttctcaga gactgtatac cttctctagg caatattgca 360
agaatcccat tgaactacag tctgctgcta ctatgtgggc actttggact ctgtgttcag 420
ggaccagtag gcaagaagtc accatctagt caagggtaat tgaccctgaa ctgcaggagg 480
aggcaagcct gctgtcagag gatagtggcg agagcaatgt gtgtggaact tagcggaccc 540
actggaggca ccctctgtac tccttgccca gttgttaactg aatggactag tgcagcaacc 600
ctggtctgag aagggt 616

```

```

<210> 645
<211> 673
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (70)...(415)
<223> similar to gi790862 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```



<210> 647  
 <211> 584  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(585)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (51)...(584)  
 <223> similar to gi3044086 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 647  
 agcggccgccc agcgcagct ggtagtacc ggctgcatca aacgggtcct tcaggtcgta 60  
 gaagatgatg tcaccgagca ccaggtacac cttcacgtag tagaggggtc tcctcgtaaa 120  
 actccagcgg cgagttgcag agcgacagg ccttgaggta gaagtgtct gccagctcgc 180  
 catggcccag tccggtgttg cagggcggcc agccgggtgg taggccacgc gtcgttcag 240  
 cgggtcccc aggggtgatg tgagtgtctag ggccatgtgg gcaaaactcca agccctcctg 300  
 gggctcctcc cagcgtggcc aagcagtgcc accagcttgt tgcacagccg cagctccgcc 360  
 ttgcgtatgc ccgtagtcac tgccaaggcc atgggcccgg tcccggtaga aggacacagc 420  
 tttctccgc tcccaggccc cgtcgaagaa gatgtctcca gccgcctcaa acagctccag 480  
 cccaggttg gggtcgcctg tgtacaggcc cagcttctgt gccacctgga ttagagagtc 540  
 caccatgctc ntctgccgca agatgtaata gatcttcct gctt 584

<210> 648  
 <211> 791  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (54)...(794)  
 <223> similar to gi4589654 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 648  
 tattgcaaga gaacactcag atcgagccaa gtgaacccaa aaaccaagaa gaaaagaaac 60  
 tgtcccaggt gctaaatgag ttgcaagtat cacacgcaga gaccacattg gaactagaaa 120  
 agaccaggga catgcttatt ctgcagcgca aaatcaacgt gtgttatcag gtgcaaggaa 180  
 agatggtaca ggaaggggat ggataacagg aacgtgggaa ccaactcacag gactgggaat 240  
 gaagcaagac ctaagtttcc agggctgata ccaggaggaa ctggaggcaa tgatgacaaa 300  
 agctgacaat gataatagag atcacaaaga aaagctggag aggttgactc gactactaga 360  
 cctcaagaat aaccgtatca agcagctgga aggtatttta agaagccatg accttccaac 420

```

atctgctcaa agatgttgct tatggcacc gaccgttgct gttatgtttg gaaacactgc 480
cagcccatgg agatgaggat aaagtggata tttctctgct gcatcagggt gagaatcttt 540
ttgaactgca catccaccag gccttcctga catctgccgc cctagctcag gctggagata 600
cccaacctac cactttctgc acctattcct tctatgactt tgaaacccac tgtaccccat 660
tatctgtggg gccacagccc ctctatgact tcacctccca gtatgtgatg gagacagatt 720
cgcttttctt aactacactt caagagggctt cagcccggct tgacatacac caggccatgg 780
ccagtgaaca c 791

```

```

<210> 649
<211> 443
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (444)...(61)
<223> similar to gi2078483 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 649
cggaattccc gggtcgagcc ccacttctga ggtagagcta ttgggcccc tgtgctccag 60
ggaggagtgt ctgctgtagt tcatctccag gctgcagggt gacacctgat ccccgaggg 120
agaggcaggg cccggccaag gctcgcccc cccagcacca tgactgtgca ccgccgggag 180
ctcctcgga ggcggggagc cctcgaagca cagggcagggt ccccgcccc agctgcccga 240
gccccccgcc tcaactggcac gacaggggct ccggctgcgg tagatgaagg ggtcatagtc 300
gctgctgagg gagctgcgga aggtggagca gctcccgtac acgccctggg tgctgacctc 360
agtgcagtct accacagagt cactggagga acagtggcac tggccggagc tgctgctgct 420
gctgctgtcg ctgcctgggc agc 443

```

```

<210> 650
<211> 710
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (36)...(713)
<223> similar to gi2078483 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 650
ggctgtgctt agcgaccgca ctctaggaa cctccacgcc ttctcatct ccgtccgtgg 60
cagcttcgcg gagagcggcg ccaccaagaa ctcctgggac tccatggcgc gcaatgtcgt 120

```



```

gctggatgcc ctgcagctgc ccaagtcctg gctgaacggc tcttccctcc tgcagcacat 180
gaaattcaac aaccggttct acttcagttt cagccgctgt accctgtcag gcggccatct 240
gatccagcag gtcacatcatg gcgggaagga cctgcggagc ctggccagct tgaacctcag 300
cggctgcgtc cactgcctgt ccccagactc gctgctccgc aaggcggagg acgacatcgt 360
cagcagcatc ctggagacgc tgggtggcgtc ctgctgcaac ctgcgccacc tgaacctctc 420
ggccgcccac caccacagct cggaggggcct gggccgccac ctctgccagc tcctggcccg 480
gctgcgtcac ctgcgtccc tctccctgcc tgtctgctct gtcgtgact ccgcgcgcg 540
cgccgaccgc gcgcccgcgc agccggccat gcacgcagtg ccgcgcggct ttggcaagaa 600
agtgcgtgtg ggcgtgcagt cctgtcccag ccccttctcg ggccaggcgt gccccagacc 660
ctcctccgtg ttctggtctc tgctgaagaa cctgcccttc ctggaacacc 710

```

```

<210> 651
<211> 1026
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (332)...(13)
<223> similar to gi4079809 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 651
cggtccggaa ttcccgggtc gagtctagtt attttttacg caagaccagc gtgcttgtgc 60
acggcagtggt ttttctctgg tgtctgtgtg tttggtggta acagcagcga gtcagatgag 120
acagggtgtgg gagggccactt gtttgtggag aagactcaga tcagtgcgcg ccgacttcct 180
tgtcagcaca gaaccaagct tgaaacatgc acttttaaata caataccaga aaagaacaac 240
gaaaatagtg gcttgctttg ttggcccttc ctttgtactg ggctctgtgc agggcatgtc 300
acctgagctg tactgtgtt tagtaccagc cccccctta atagggtgtg acgtcttcct 360
gaacagcctg aagcagacgg tggtagccct ggcaagcagc gcagacgtgc tgagcacctg 420
gcagtcggcc tcccaggcca tgctgcagag cggctgggtc atgctgttgc ccaccgctga 480
gaagcaggcc cgggcactct gctctcctgt cctgcggagt ttcaggcaat gaagtgaaca 540
taagtccagg tcatcgattg gtgattgatc ttctggtggg cagcttgatg gctgctggag 600
ggttgaggatc agccttacac gcagccatta ctgcagagat ccaggataca aaaaaagaag 660
cacggaagga aaaagaaatt tatgaacagg aagcaaatgc ctcaacattt catagaagga 720
ggactccatt ggataaaggc cttattaata cggggatctg tgagtcttct ggcaaacagt 780
gtttgcctct ggttcagctc atacaacagc ttcttaggta aatcatatta gctgtattgt 840
attgggtttt atttatttac tttttgttt tttagagacag agtttcgctc ttgttgccca 900
ggccggagtg cagtgggtgc atcttgactc actgcaacct ccgcctccca ggttcaagta 960
attcctctgc ctcagcctct cgagcagctg ggattacagg catgcgccac catgccccac 1020
taattt 1026

```

```

<210> 652
<211> 1753
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1754)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (7)...(1753)
<223> similar to gi3822553 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 652
gggatcgggc cccgcggacg ctacgccgcg acgaatagga gggccgctgc ggtgagcctt      60
gaagcctagg gcgcgggccc ggtgaggacc gccgcagggtg cagatccttg tggtagtagc      120
aaatattcaa acgagaactt tgaaggccga agtgaggaga ggttccatgt gaacagcagt      180
tgaacatggg tcagtcgggc ctgagagatg gacgagacgc cgggatccga ggtgccgggt      240
gacaaggccg ccgaggaaca gggagatgac caggatagtg aaaagtcaaa accagcaggc      300
tcagatggtg agcggcgggg ggtaaagaga cagcgggatg agaaggatga acatggccga      360
gcttactatg aattccgaga ggaggcttac cacagccgct caaagtctcc actgcctcct      420
gaagaagagg caaaagatga ggaggaggat caaactcttg tgaacctgga cacgtatacc      480
tcggatctgc attttcaagt gagcaaagac cgctatggag ggcagccact tttctcagag      540
aagttcccca ccctttggtc tggggcaagg agtacttacg gagtgacaaa gggaaaagtc      600
tgctttgagg caaaggtaac ccagaatctc ccaatgaaag aaggctgcac agaggtctct      660
ctccttcgag ttgggtggtc tgttgatttt tcccgctccac agcttggtga agatgaattc      720
tcttacgggt tcgatggacg aggactcaag gcagaaaatg gacaatttga ggaatttggc      780
cagacttttg gggagaatga tgttattggc tgctttgcta attttgagac tgaagaagta      840
gaactttcct tctccaagaa tggagaagac ctagggtgtg cattctggat cagcaaggat      900
tccctggcag accggggcct tctaccccat gtccctctgca aaaattgtgt tgtagaatta      960
aacttcggtc agaaggagga gcccttcttc ccaccaccag aagagtgtgt gttcattcat     1020
gctgtgcctg ttgaggagcg tgtacgcact gcagtccttc ccaagaccat agaggaatgt     1080
gaggtgattc tgatggtggg actaccgga tctggaaaga ccagtgggc actgaaatat     1140
gcaaaagaaa accctgagaa aagatacaat gtccctgggag ctgagactgt gctcaatcaa     1200
atgaggatga aggtctcga ggagccagag atggaccca aaagccgaga ccttttagtt     1260
cagcaagcct ccagtgctc tagtaagctg gtccagattg cttcccggac aaagaggaac     1320
tttattcttg atcagtgtaa tgtgtacaat tctggccaac ggcggaagct attgctgttc     1380
aagaccttct ctcgaaaagt ggtggtggtt gtccctaata aggaagattg gaagaagagg     1440
ctggagttga ggaaggaagt agaggagat gatgtgcctg aatctataat gctggagatg     1500
aaagccaact tctctttgcc tgaaaaatgc gactatatgg atgaggtgac atatggggag     1560
ctggagaagg aggaagctca gccattgtc actaagtaca aggaggaggc aaggaagctt     1620
ctgccccctt ccgagaagcg gacaaatcgc cgaaacaacc gaaacaagcg taaccggcag     1680
aaccgaagcc ggggcccaagg ctatgtgggc gggcagcgcc gaggccacga caaccctttt     1740
tanaaaaaaa aaa                                         1753

```

```

<210> 653
<211> 1500
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc\_feature  
 <222> (31)...(1453)  
 <223> similar to gil263287 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 653

gtaattccca	gctcgaggag	agcctctagg	ggcccttggg	ggggaaaagg	ccctaggagg	60
cctgggcaaag	ggacagctgg	agaaggagat	gtcagtactg	agactgagca	acagtaactt	120
gctgggaggag	ttaggggagt	tggggcgagg	gcggcagagg	ttgcagaggg	agctacagtc	180
cctgagccag	cggtctgcagc	gggagtttgt	gcccagcca	gaggcgcagg	tccagctaca	240
gcagttgcga	cagagtgtgg	ggctgctgac	aaatgaactg	gccatggaga	aggaggccac	300
agagaagctg	cggaagctcc	tggcctccca	gagcagcggg	ctccgagggc	tgtgggactg	360
cctgcccga	gacctagtgg	gcgagaggag	tgacaaaagc	aaagcagcgg	agtccctgga	420
ggagctgcgg	gcctgcatca	gcaccctggg	ggatcggcac	cgggaggccc	agcagggtgct	480
ggctcggtcg	caagaagaaa	accagcagtt	gcgggggtcc	ttgtccccgt	gtagggagcc	540
aggcacctcc	ttaaaggccc	cagcatcccc	ccaagtggcc	gctctggagc	aagacctggg	600
gaagctggag	gaagagctgc	gggcagttca	ggccacgatg	agcgggaaga	gccaggagat	660
cggaaagctg	aagcagctgc	tctaccaagc	cacagaggaa	gtggctgagc	taaggggccc	720
ggaggcagcc	agcctacggc	aacacgagaa	aactcggggt	tcgctggtgg	cccaggctca	780
ggcttggggg	caggagctaa	aggctctgct	ggaaaagtat	aatacggcct	gccgggaagt	840
gggtcggtcg	cgggaggcgg	tggccgagga	gcgccggcgg	agcggggacc	tggccgctca	900
ggcagccgaa	caagagcgcc	aggccagcga	gatgcggggg	cgctccgagc	agtttgagaa	960
aacggcagag	ctgctgaaa	agaagatgga	gcattctcatt	ggggcttgcc	gagacaagga	1020
agccaagatc	aaggagttgt	tgaagaagct	ggagcagctt	tcagaagagg	ttctagcaat	1080
tcggggagaa	aatgctcgcc	ttgccctgca	gctgcaggat	tcacagaaga	accatgaaga	1140
gatcatctcc	acctacagga	atcatctact	gaatgctgct	cggggttaca	tggaaacatga	1200
agtgtacaat	atctctgctg	aatccttag	catggaagag	gagtgaggca	gcctcactgt	1260
gtgccctcag	ggatacagga	ttctctgttg	gaataagaaa	ccctgggttg	cagaggcttc	1320
atcaggctgt	ggtggggcgg	ggtgttgccc	actaggcaat	ggtatgggca	gggcttcacc	1380
tgacattatg	gacctcagac	ctgagaacct	ggaccttgga	atcagcatgg	atgagaccag	1440
aggaggtatg	gatggaaaca	agctctatgg	aaaataaagc	atgaggcagg	aaaaaaaaaa	1500

<210> 654  
 <211> 1729  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (58)...(1729)  
 <223> similar to gi3450883 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 654

tctactctag	cgtggtggaa	ttcctcgccc	tcgcggcgac	ggcggcggtg	gcggcttggg	60
cgactcggag	agccgagtga	agacatttcc	acctggacac	ctgacctatg	gcctgccttg	120
agcagcgagg	cccaccaggc	atctctgttg	tgggcagcag	ggccagggtc	tggtctgttg	180

```

accctcggca gttggcagge tccctctgca gtgggggtctg ggccctcggcc ccaccatgtc 240
gagcctcggc ggtggctccc aggatgccgg cggcagtagc agcagcagca ccaatggcag 300
cgggtggcagt ggcagcagtg gcccaaaggc aggagcagca gacaagagtg cagtgggtggc 360
tgccgccgca ccagcctcag tggcagatga cacaccaccc cccgagcgtc ggaacaagag 420
cggtatcatc agtgagcccc tcaacaagag cctgcgccgc tcccgccgcg tctcccacta 480
ctcttctttt ggcagcagtg gtggtagtgg cgggtggcagc atgatgggcg gagagtctgc 540
tgacaaggcc actgcggctg cagccgctgc ctccctgttg gccaatgggc atgacctggc 600
ggcggccatg gcggtggaca aaagcaaccc tacctcaaag cacaaaagtg gtgctgtggc 660
cagcctgctg agcaaggcag agcgggccac ggagctggca gccgagggac agctgacgct 720
gcagcagttt gcgcagtgca cagagatgct gaagcgcgtg gtgcaggagc atctcccgtc 780
gatgagcgag gcgggtgctg gcctgcctga catggaggct gtggcagggt ccgaagccct 840
caatggccag tccgacttcc cctacctggg cgctttcccc atcaaccag gcctcttcat 900
tatgaccccg gcaggtgtgt tcctggccga gagcgcgtg cacatggcgg gcctggctga 960
gtaccccatg caggggagagc tggcctctgc catcagctcc ggcaagaaga agcggaaacg 1020
ctgcggcatg tgcgcgccct gccggcgccg catcaactgc gagcagtgca gcagttgtag 1080
gaatcgaaag actggccatc agatttgcaa attcagaaaa tgtgaggaac tcaaaaagaa 1140
gccttccgct gctctggaga aggtgatgct tccgacggga gccgccttcc ggtgggttca 1200
gtgacggcgg cggaacccaa agctgccctc tccgtgcaat gtcactgctc gtgtggtctc 1260
cagcaaggga ttcgggcgaa gacaaacgga tgcacccgtc tttagaacca aaaatattct 1320
ctcacagatt tcattcctgg ttttatatat atattttttg ttgtcgtttt aacatctcca 1380
cgtccctagc ataaatattc tctcacagat ttcattcctg tttttatata tataattttt 1440
gttgctggtt taacatctcc cacgtccctc agcataaaaa gaaaaagaaa aaaatttaaa 1500
ctgctttttc ggaagaacaa caacaaaaaa gagtgcatag ttgcccctgg agaatccact 1560
cacgttcata aagagaatgt tgatggcgcc gtgtagaagc cgctctgtat ccatccacgc 1620
gtgcagagct gccagcaggg agctcacaga aggggaggga gacccaggc cagctgagct 1680
gcacccacag tcccagact gggatcccc accccaacag tgattttgg 1729

```

```

<210> 655
<211> 983
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (273)...(883)
<223> similar to gil64036 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 655
cggaccggaa ttcccgaacc gaccacgcg ttcgttagga gcaagtaggg gcagggggca 60
gatggacccg gacagcctca gagtgggcc cacaaccttc ctactaata ggtgcctca 120
gtgctctaaa ccgcagctcc cacacagagc ctaaaccagc caaacacagt cacctgcccc 180
tccagactcc ctggtgctga cttggaacct ggatagaggg aaacttttcc tcccctctca 240
taagctgggc tggaggccct gaccattcct ctaccacag tgggtgaggc tggaggaccc 300
ccacgggaag ccatacttct acaatccaga ggactcctct gttcgatggg agctgcccc 360
ggtccctgtc cctgcccctc gaagcatcca taaatccagc caggatgggtg acacccagc 420
ccaggccagc cctccagagg agaaggtccc agcagagctg gatgaggttg ggagctggga 480
ggaagtctct cctgccacag ctgctgtgag gaccaagacc ttggacaagg caggggtgct 540
ccatcgaccc aagacggcag acaagggaaa gcggctccgg aagaagcact ggagtgcctc 600
ctggactgtg ctggagggtg gcgtcctgac attcttcaag gactcaaaga cctcggtctg 660

```

```

aggcggcctg aggcagcctt ccaagttttc caccctgag tacacagtgg agctgagggg 720
ggccactctc tcctggggcc ccaaagacaa atccagtacg aagaatgtgc tggagctacg 780
gagccgacaa ggctctgagt acctgatcca gcacgactcg gaggccatca tcagcacctg 840
gcataaggcc attgctcaag gcatccacga gctgtccgca gagctgcccc cacaggagag 900
cgagagcagc cgagtggact tcgggtcgag cgagcgcttg ggaagctggc cggagaaaga 960
ggaggacgcg cgaccgaatg cag 983

```

```

<210> 656
<211> 378
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(380)
<223> similar to gi2072972 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 656
tgatctttgg gtcagcaatg aaatcaagat ggaaattaaa gaattatttg aactgaatga 60
taatagtgcg agaacttatt aaaacatctg gcatatagca aaagtgggtc taagaggaaa 120
gttcatagca ttaaattgct atatcaaaaa gtctgaaaaa gcacaaatag ccaatctaag 180
gtcacacgtc aagtaactag agaaataaga gcaaaccaaa cccaaaccca gcagagggaa 240
aaaaaattac aaggatcaga gcagaactaa atgaaattgc aatacaaaaa tgtataaaat 300
ataaatgaaa caaaaagcta gttctttcaa aaaaaatgat agactgttag tgagataaac 360
caaaaaaaga agggagaa 378

```

```

<210> 657
<211> 842
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(845)
<223> similar to gi5305335 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 657
cccaggccgc agcctgggat tccccaggga cccccccgga gccgcgcgt ctcccatgga 60
cttgcccggg gactccaggt gagagcgtag cggggcggcc cgcctgtctt gaccccgagg 120
gatggggatc ctggcgaccg tgccgggaaa ctacagagcc agcgacaggt tcgggcgacc 180
gtcctctgct tctttcacc cccagccgc ctggccagcc gcgtctgtgc cgccagcctc 240

```



cacacccaag cctgtccctt ggaggggcta gcaggcggcc ggtctgcagg gcggccttgc 1620  
 ggg 1623

<210> 659  
 <211> 1267  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1236)...(180)  
 <223> similar to gi2906006 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 659  
 tttttttttt ttgagtaatg ccgactttat atcagcacac ccagtgcccc cacgttcccc 60  
 ctggcccagg tcccggagac catgatggca cccacagtgg acttcgcaaa ggagcgtggg 120  
 gaccccgaag gccaggccac ccctcagatg ggggtcccat gctaaagcag acggtgccgg 180  
 tgccgcaggc tgtctgagac ccacgggtgga gcccgggcct ggcgtgcggg aggcggccac 240  
 gacggcgcct ttctcccagg aactccggga gggaccccag gactcagcgc cagggcagcc 300  
 ttggcagggt cagtgaggca gtgacttgtg ggggttagat gtgggcctgc cccacgtggg 360  
 cagggatcag ccaggcatgg ggggccagcg gatccgagcg gggccacaga gctctggagg 420  
 acttttctgc acaatgaatt tctgcttaaa aacagagatc aagaggaagc tctatcctgc 480  
 agctccggaa atgggtggct gcgtgcttgg ggtctccgcc acgcgggagg acagcccaga 540  
 ggcaccctgg tctcaggcag ctgggttccta ggctgtgtcc tccccactgg ccgggcaccg 600  
 gctggaacgg cacgaggacc agcctcactg ttctcagagg ggtctcgggc cactgggtgt 660  
 ggtggtgctg gaggagtccct gcccgctgtg ggctctggag ggacggcag cagagcccct 720  
 ggcttttcta ggcagagcgg cacctgcccc atagatcgtg ccagcttttg ctgcaggcgc 780  
 tggggcctca ccgtgtttcc tggggggggc cggaccccca agggcctcga tctgaagctc 840  
 tgaggtctca tggatgcctg ctccctggtcc gataaacgag atggctgtgg tggggaggag 900  
 cctcaggcgg cccgggaccc tttggcgtcc gtcgctggga ggcggaggga cccagagccg 960  
 aggctgtgct caggactgtc ccgggcgcgg ggcgatgcca acactttgtg ctggttcccc 1020  
 ccaaggggtc ggcctccggg tccctgccgc caagtgcgtg gcgtggtctc ggcctccagg 1080  
 tcagacattg ctgatacggg cctcccccgg gaaggcagcg ggatccgtgg ccctgtccag 1140  
 gggccgctcc cgcctgacgt agcgcggcct ccgtacgggc tgactcttgg gtccgcctga 1200  
 cccagcacca ctgaagcgat ggctgctcag gagggcctgg cggaggccgg ctgcgtctgt 1260  
 cctcggg 1267

<210> 660  
 <211> 500  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (4)...(501)

<223> similar to gi4218005 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 660

aataaaggag	aaaagaaaagg	aagaagaaaa	gtgggaggtg	aaagaagaaa	agaggaagaa	60
gaaagaagga	gaatagaaga	agaggaagaa	gaaagaaaag	aaagaagagg	aaagaaggaa	120
gaagaatgga	aagaaaggaa	gaagattgaa	cgaggaagaa	agaagaaaaa	agaaacattc	180
ttagaagagg	aagaaagaaa	agaaaaaaga	aaaagagaag	aaagagggaa	gaaagaaaag	240
aggaagaaga	aagatgaacg	aagaagaaag	aggaagaaga	aaaaagagga	aagaagaaaa	300
gaataaggaa	gaagaaaaaa	aagggaagaag	aaagcagaag	aaaagaaaga	aaagagggaa	360
gaggaagaag	aacgaagaaa	agaggaaaaga	aggagggagg	gaagaacaag	gagaagaaga	420
aagaagaagg	gagaaggaga	agaaaaagaag	gagaagaggga	aaaggaagaa	ggagaaagaa	480
aaggagaagg	aagagaaaaa					500

<210> 661

<211> 1590

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1591)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (148)...(1590)

<223> similar to gi557822 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 661

taaatctctt	ctagtgttag	caaagtatth	agcacaggaa	agatcttata	aaatgaaata	60
atgcatgtaa	tgatgcattt	tccaagtaga	tgattttaac	aaactgtaag	cttttatgcc	120
tggccttcat	tgtgtctttt	ctgcctctgt	caggcgaaact	gtgatgaaga	gccttatact	180
taggaagaca	caactacctt	tgaacagtcc	tttgtgaaat	ctaattgatcg	caacgaacga	240
aataaaccag	aacatcgttc	ttcaagccaa	ggacccttgt	catccattag	agcggtaatc	300
aagagatctt	ctcggacttc	tattcagagt	gaacttcac	gagatagaag	gcgcccagag	360
atcaccattg	tggcagctga	gccactgagg	ccagcctcgt	ggtttccagg	aacccccacc	420
ccaggactgg	gatttcctac	atcatctgca	gcaggctctt	ggaggcctaa	tgagctgggt	480
cctgctgagc	tcccaccatc	ttatgaacaa	gttataaaaag	aaatcaacca	agttcaagtt	540
aatactacaa	ataataataa	tgtgtgtgct	actccaaggc	acactattac	ttctgcaact	600
cagactgact	tttcagaaga	aatagacaac	gatctgcctc	aaacactaca	ggcacctctc	660
aagcctcttc	agcctttctc	agcagtctcg	tctggcaatc	ttccaacaaa	tgtggcacct	720
ttaatcgtct	ttgatatttc	tgaagaaccg	aattgtccag	aaaaccccag	tgctacaaga	780
tgtccagtgc	caaaaccaag	atcaaaaagc	aacctcagac	caatacccag	agattctcac	840
attaaagagc	aaagtcaaca	gaaaatcagc	ccagcagccg	tacgagagga	gtcatcccca	900
ggccggcccc	agtctctgct	ggacaacgct	agcacctcag	acagtcaggc	agtgatgaac	960



```

attatgaaca cagaacaaag ccaaaatagt attggttcca gaattaaagt gtttgagggt 1020
cagacaaaca tagaaacctc aggactgccc aagaaaccag aaattactcc acgttcactt 1080
cctccaaagc ctactgtttc ctccaggaaa ccttctgtag ctcccaaacc agctgctaac 1140
agagcttctg gagagtggga ctctgggact gagaacagac tcaaggtgac ctccaaggaa 1200
ggactcaccc cataccctcc cctgcaagaa gcgggaagca tcccagtaac caaacctgaa 1260
ttgccaaaga aaccaaacc cttgccttata cgaagtgtta atcctgagat tccgggaaga 1320
gggcccctgg ctgagagctc tgatagtggg aagaaagtgc caactcctgc cccgcggcct 1380
ttgctgctga agaaatctgt ttcctcagaa aacccccacct tacccttcag ctccacctga 1440
aacctgtcac tgttcctccc cgactcgag gggcaatcac aagccaaagc atacaagtca 1500
ctgggagaaan ggggccccca gccaaccccc cagttccagt taatatagtt attgcacaag 1560
ttcaataaaa atctgctctt tgtatgacaa 1590

```

```

<210> 662
<211> 659
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(661)
<223> similar to gi3980032 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 662
aacatttgca gtataaggta ttgcaggaaa gagagaatta tcaacagtct tctcaatcaa 60
gcaaagcaaa atcagcagta ccttcctttg gtataaatga taaatttaca ctaaataaag 120
atgatgccag ttacagcctt atcttagagg tacagactgc aatagataat gtcttaatac 180
agagtgatgt tccaatagat ttacttgatg tggataaaaa ttctgctggt gttagcttta 240
gcagctgtga ttctgagtca aacgacaact tccttcttgc cacttatcgg tgccaggcag 300
atactacaag gctggaactc aagattcgct caattgaagg ccagtatggc aactacaag 360
catatgtgac tccaagaatt caacccaaaa cctgtcaggt ccgccagtac cacatcaaac 420
ctctttcact ccatcaaaga actcacttta ttgatcatga cagacccatg aatacactga 480
ccctaacagg ccagttcagt ttgctgaag ttcactcctg ggtgggtttt tgtctgcctg 540
aagttccaga aaaacctcca gcaggagaaat tgtgtgacat ttactttca gaacaccttt 600
ctagattaca caacttgaaa gtacctacag aaaaggagag ggagttttta aatctgaca 659

```

```

<210> 663
<211> 1071
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (11)...(894)
<223> similar to gil835264 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400>	663					
gggatacggg	gggcagtggc	cttgggcaca	aacagcctga	agcagcagga	acctggactt	60
atgggggatc	ccggggcccg	agtctactcc	tctcactcca	tgggggcccg	ggtggacctg	120
gagcctgtct	caccaaggag	ctgcctcacc	aaagtggagc	tggccaagag	ccggctggca	180
ggggccctgt	gccccagggt	accccgtagc	cctgccaag	tgccaacctc	agccccaaagc	240
ctgggcaagc	ccaataagag	ccctcacagc	agccccacca	agctcccttc	caagtcacca	300
accaaggtgg	tgccctcgacc	tggggctccg	ctagtcacca	aggagtcccc	caagcctgac	360
aaagggaagg	gccctccctg	ggcagactgt	ggtagtacca	cggcccagtc	cacaccccta	420
gtacctggcc	ccactgaccc	aagtcagggc	cctgaggggc	tggccccaca	ctcagccatc	480
gaggagaagg	tgatgaaggg	cattgaggag	aacgtgctgc	ggctccaggg	ccaggagcga	540
gcccctggcg	ccgaggtcaa	gcaccgcaac	accagcagca	tcgccagctg	gttcggcctt	600
aagaagagca	agctgccagc	gctgaaccgc	cgcacagagg	ccaccaagaa	caaggagggg	660
gctggcgggg	gctccccgct	ccggagggaa	gtcaagatgg	aagccccgaa	gctggaggcc	720
gagagcctca	acatctccaa	gctgatggcc	aaggcggaag	acctgcgtcg	ggcactggaa	780
gaggagaagg	cctacctaag	cagccggggc	cggccacggc	ctggtggccc	agccccaggg	840
cccaacacgg	ggctggggca	ggtgcagggc	cagctggctg	gcatgtacca	aggtgcagac	900
accttcatgc	agcagctgct	aaacagggtg	gatggcaagg	agctgccatc	caagagctgg	960
cgggagccca	agcctgagta	cggggatttc	cagccggtgt	cttctgaccc	caagagcccc	1020
tggccagcct	gtggggccccg	gaatggcctg	gtggggccctc	ttcatggctg	c	1071

```
<210> 664
<211> 759
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (28)...(759)
<223> similar to gi2072951 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	664						
ccacgcgtcc	gagatgaggt	agttggcaac	acaataatag	tgggggatgt	taatactccg		60
ctggcagcac	taggcagatc	accaagacag	aaagtcaaca	aagaaacaat	ggacttaaac		120
tataccctag	aacaaatgga	cttaacagat	acttacagaa	cattctaccc	aacaagcata		180
gaatatacat	tgtatacatc	agaacacggg	acattctcca	aaatagacca	tatgataggg		240
cacaaaacaa	gtctcagtaa	atttaagaaa	atcagaatta	tatcaagtac	tctctcagac		300
cacagtggaa	taaaattgga	aattaattcc	aaaaggaaca	ctcaaaagca	tgcaaataca		360
tggtaattaa	ataacctact	cctgaatgat	tgttgggtca	acaatgatat	caagagggaa		420
atttaaaaat	tctttgaact	gaacgataat	agtgcacaaa	cctatcaaaa	actctgggat		480
acagcaaaa	tggagctaag	aagaaaattc	atagcattaa	atgcctatat	caaaaagtct		540
gaagaagcac	aaataaacaa	tctaagggtca	cacctcacag	aattggagaa	actagaacag		600
tccaaatcca	aaccgcagag	agaaaagaa	ataacaaaat	cagaacaaaa	ctaaatgaaa		660
ttgaaacaaa	aaaatacaac	agataaatga	aacaaaaagc	tggttctttg	aaaagataaa		720
taaaattgat	aagcattagc	aagattaatc	aaaaaaaaa				759

<210> 665  
 <211> 430  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(431)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (430)...(0)  
 <223> similar to gi2072972 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 665  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 60  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnnc agactttttg 180  
 atgtaagcat ttaatgccat gaactttcct cttagcactg ctcttgctgt atcccagagg 240  
 ttttgatagg ttgtgtcact attatcgttc agtcaaagaa cttttaagtt tccatcttga 300  
 tttcgttggt gacccaacga ttattcagga acagggttatt taatttccat gtatttgcac 360  
 ggtttcgagg gtttcttttg gagttgattt ccaattttat tccactgtga tctgagagag 420  
 tgcttgatan 430

<210> 666  
 <211> 461  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(462)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (127)...(463)  
 <223> similar to gi2065209 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 666

```
ccaccaatTT ccttcctTTt ttttttnata ggagtggagg tntaataggc agaagaaaga 60
gaaaggaaaa tggcatccnc aatagtggca acatcctctc cccgacccat gctgccatca 120
gcctttccac ctttgtctga ggagataaac cctgtgctgc ctgaggcaac agtgatggcc 180
tcccctgagg cagttgccag gcaagataat atcgattctc ctctagcacc ctcaacacct 240
ttgtttgctt ctagacctat aactaaagtc ccgatgggcc cacagaagtg aggttcagag 300
tgtgacccat ggggaggtga gctacacttg aattgagttt tctaatttat ataagcagaa 360
atttgagaaa caggcacggg aatggatatt aagggtgtgg gataatgctg gaaggaacat 420
acagatgcat caggctgaat ttattgattt gggctcacta a 461
```

```
<210> 667
<211> 401
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (21)...(331)
<223> similar to gi804810 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 667
agatgaacac atataatcaa tttctctcta ctaacaatga acatatggaa atctaaatta 60
aaaacataat accacttatt ccatagaaaa ttaaatagtt tggataaat tgaacaaaat 120
atgtatagga cttttgtgct gaaaattaca aaatgctgat gaaagaaata atagaaataa 180
atgaagacac atggtctctt gatagattgg aaaactcaac ttagtaagta tgccagttct 240
ctccaaattg atctgtaggt ttaatggcat tcctgtcaag attccagtaa ggtttttctc 300
agctttaaat aaacttattc caaaatttgc ataaacagtc aaagtcataa acagttgaaa 360
caatttgga aaatttttct cataagtttt gagaaaaaga g 401
```

```
<210> 668
<211> 1148
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (338)...(1116)
<223> similar to gil947160 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 668
tccagtctca gggccctgcc ctcttcctt ttattccacc aatctcttgg gtggggagtg 60
gcgtggggaa tcagaagcac caggaagcct gggaaaggag aagccactgc agctgcccc 120
```

gacacccac	cccataaagg	tttaaagaat	gggccctcac	cccatctggc	aatcagcggg	180
gggggtggg	cacaaaggcg	agcagacact	ggtcaagctt	ccacttcatg	taaacaagga	240
ggcgtggca	ctgacccctg	cccagccacc	gacagtccgg	tggaggcgtg	tgactgagat	300
gcttcggacc	ctctcatttg	ggatccagcg	tccctgaggc	caggacggag	gctgcagggc	360
agaaggccag	ttggcgtctg	atgtgcaaac	tgggtgcagt	tgcgacctgc	gctctccaca	420
gcacagggca	gggcaggcag	gcatccacac	gtcctgcccc	ccaccatccc	gcagctcagg	480
aatcacaca	gttgctaggc	ttggcagaac	tgggacttgt	tttacctgag	atgtcagcac	540
tggaattctc	gttgggcctc	ttccccgtca	gaaactccac	ttcaaagggtc	tcgggggaaa	600
cagagctggc	catgccattg	ggcgcccgag	gccttttggc	tcggcgactg	aagagcctgc	660
tgctgaagcg	cccggcgggg	gcggcctccc	cccgggccgc	ttctcccatg	ccatttcggc	720
tgggtgcctc	tcgggatttg	ggcttcaggt	ctctgtgcat	gtgagagacc	atcctgccat	780
ccttctggct	cagctctccc	aaggggatgg	gctccacggg	gggcagcacc	tgctccaccg	840
taaccaggtc	tttcagggaag	ctctccaggc	gccaggccga	ctcgccaccg	ctggcgccct	900
cctcctgccc	ctccgggttg	ccgcccgcct	cccgtgtgtg	ccgggcagcc	cagcgcatca	960
tctccccagg	cgggtggcgg	cagcctgaca	ccaaggcgta	cttggggttg	ataagctttc	1020
gagccacagt	ggaggagtaa	tggaggccaa	ccctgcccgc	caggctcagc	tgccggtaca	1080
agtccacctc	ctcgagatg	gcgtacagct	cccggaaactc	cgtgtcaaag	ggctctacgt	1140
tctgtcct						1148

<210> 669  
 <211> 719  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (9)...(719)  
 <223> similar to gi200543 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters-

<400> 669	
cctgctggcc	tcggccaaaa ggaggggtgga ggcagcttcc tcttgggtgc cttccttgac 60
tgggagcagc	tcgataaagg gggccccagg gggcagaagg tagacgccat ggggctgctc 120
tggctgtagg	tttaggccca gaccccctcc cgaggcagca taagcaggag agaagaaggc 180
tagtccttgg	caccacaagg ccccgagggc agccacagcc tcggcctggc ctctgcac 240
cagagtcacc	accacctgca gctttggcca gagccgaagg gccagtcccc gtggcccctg 300
ctatagggcc	tcccggagct cagctgcccg ttcaaggaga ggtgctccag ggttcccggc 360
agctatcgcc	ccagctagct cttcaccatc agtctccagg cccaagaaaa catccagaag 420
ttcgacagcc	gtcccagcct ccagtgcctt cagccctggg gacctcagtg cgtccagcag 480
cagggcccta	gggtccttgg ttccaggggt gccacactgg ccaggggtat tcccaggcca 540
aggcaggggt	cggggccaag gggatgtaag cgtcacacgg gcagtgcgtc cctgagccag 600
cacttctggg	taggccttgt ttagggctgc cagaccagc aaggtggcct ggaggaggaa 660
agagagaaatg	ttggtctggt gtcagagcca gaccagagc cccatttgg gggttcttt 719

<210> 670  
 <211> 487

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (2)...(489)  
 <223> similar to gi56589 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 670  
 aattaatgaa ctaaaagaag aaaacttaca tgatgctctc tatcaatgca gaagatgcaa 60  
 aatttagcac acatttatga ttttaaaaat ctcaggaaaa atagacatag agggggattt 120  
 tcctgaactt gataaagggt aaacaccata agccttcagc taacatactt aagggtgaga 180  
 ctgaatgctt tgtccctaag atggggaaca aaccaaggat attagttctc accgcttatt 240  
 caacatatgg ctgtaatttc tagccagtgc aataaggtaa gaaatggaag taaaagtcatt 300  
 atagattgga aaagaaggaa taagactcca tatttgcaga ttacatgatt gtgtacatag 360  
 aagatcccaa ggcatgcaca aataaaactcc tacaactaat aggtaagctt agcagggtta 420  
 caagatacaa gatgacacac aaaaatcaat tgcatttctg tatactaaca atgaacatat 480  
 ggataaa 487

<210> 671  
 <211> 1094  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (765)...(1093)  
 <223> similar to gil780975 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 671  
 ccggtttgct gttaataaat atgtgggtaa atatctgttt ggggctctca gctctgaaga 60  
 ctgtgagacc cccaatttcc cacttcacac ctctatatatt ctgtgtgtgt gtctttaatt 120  
 cctctagcac cactgggtta gagtctctct gactgacctg gtcttggcaa gtggtgtcca 180  
 tttgtggggg ctcatatcca ggtcgaaggg tcaccagagc aatggttggg atgggaaact 240  
 agctggagga cacccgagta ctcttaaagc aatccctgtc gtgcgtaaga aggggagctc 300  
 ggaagtgtca gggtaacaat gggacaggta tggggctctg ttcatctcac cttggaactt 360  
 tttcacactg gtaatgagga ggaacaagag tatagcgaag taacagaaga ggttacagag 420  
 catgtttatt ttgccagcta aagctaaaag cagcaaagga aggaagagat tcatccctac 480  
 ccttcttgca cccctccctt tattaatttt gatgaagatg acccccaaaa atctttcctt 540  
 tcctggagga cactgggcaa aaagtaattg cccagtttga ctgtttcgag cagcgcctca 600  
 tgtgacagct cttagtctta ttcaggcagg aattcgagca agctagacaa gaggggtgatt 660  
 tagaggcttg gcagttccct gttagaatac accccccaga tcaacaggga aatattatag 720  
 ctacatttga gccttttctt tgtaaattac tcaaagaatt taaacaagct attcactacta 780  
 aaaaagaatg tagaaataat cagcaagtca gctgccagat aggggaaaaa agaaaactgc 840  
 tgagtctgaa atatgtccaa catgtaaaaa aggaaaacac tgggctaata agtgtcactc 900

taagtttgat	aaagaagga	acctgatttc	aggaaatgcc	atgaggggcc	tgtcctgggc	960
cccattccaa	actggggcat	ttccagctca	ggccattccc	tcacacccgt	acaatgtctg	1020
tccccgcga	cagccggtag	tgccgcagta	gatttatgct	gcacaaaagc	tgaggaattc	1080
ctgcgcactg	cgct					1094

<210> 672  
 <211> 585  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(541)  
 <223> similar to gi56520 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 672						
acaacatatc	aaaaacttgg	ggacacagcc	aaagcagtgc	tgagaggaaa	attataacaa	60
tgcattgtga	taatagaaaa	gagtaagtct	cagattaata	acgtaagcac	ccacctcaac	120
aacctatgaa	tagaaaagca	aacctaaagt	aaacaagagg	aaggaaataa	ataagagcag	180
aagttattga	aattcaaaac	agcaaaacaa	aagataaaat	cagttaaaca	ggaaataaac	240
aaaattgaca	aatctgtacc	aggactgacc	aaaaaaaaag	agagaggaga	cataaattgc	300
cagtgtcagg	aatgaatcag	atgactcact	gtggaccctg	aagatatcaa	aaggataata	360
agggaaataat	atgcacatgc	attggacatc	ttaaaagaaa	tggaacaaact	tcttgaaaaa	420
cacaaactat	cacaaattat	ccaatataaa	atatatcatt	tgaataatct	taaaattact	480
aaggaaattg	ggttcataat	tttaaaactt	gcaaaaaaga	aataggtaga	ccaagtgggt	540
aagaattata	ccacacattt	aaaatacagt	taactggtag	agtgc		585

<210> 673  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (20)...(394)  
 <223> similar to gill174092 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 673						
ctggaatttg	aaatcacaaa	caagaccatt	tacatcaaca	tcaaaaaaac	acgaaatatt	60
ttggtattaa	taaaatatgt	gcaagatccc	taagaacaag	actaaaaatc	tgatgaaaga	120
aatatatcta	aataaatgga	gagatagtc	atgtgcacaa	ataggtagat	tcaatatttt	180

caagatgtca	gttcttccca	acttgatctg	gagattcagt	gcaaccctat	cattgcaatc	240
aaaatcccag	caagttat	gtgaatatta	acaaactgat	tctaaacttt	atatggaaag	300
ggggaaaaaa	agaatagcta	actcaatatt	aaaggagaag	aacaaagtca	gagaaccgat	360
gctactcaac	ttcaacaatc	agcaaaaaga	aaga			394

```

<210> 674
<211> 514
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (22)...(388)
<223> similar to gi2072972 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 674	
tgagctagat	gccattaaca aagtcttcca gcaaagaaaa gcccaggcct tgatagcttc 60
actactgaat	tttaccaaac atttaagaag aactgtttca aaaaatagag aataattcca 120
gactcaatct	atgaaaccaa tattcctctg ataccaaaac caaagaaagt gacagggcag 180
tatctctgat	gaccactgat acaaaaatca tcaagaaaat actagcagag ttcagcaaca 240
cattaaaaac	atcattcatc atgaccaagt gagatcccag ggatgtgcaa ggatggttca 300
gcatacacia	atcaattaat gtgatacatc atatcaacag aatgaaggac aaaacccatg 360
tgataatctc	aattgatgcc aaatggctgg gtgttggtgg tcccacctgt aatcccagca 420
ctttggggagg	ccaaggtaga tggatcgctt gaggccaaga atttgagacc agcctgggca 480
acatggcaaa	acctcatctc taggaaaaaa aaaa 514

```

<210> 675
<211> 495
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (167)...(489)
<223> similar to gi3599344 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 675	
agttgtcttt	ctggtaccac ccccatccc gagggctatc taggggccca cttcaagtca 60
cttcattagc	ataagaggac actcttctca ctcaggaaat cccaagagtt tttgaacctc 120
tgtgccagga	accacagaca aaagatcaga tgtaatcttt attatgcaa ccaaagacag 180
ggagataatc	ttgaaagcta caagagaaaa atgaccaata gcttataaag gaagcccaa 240



```

taagattaac agctgactct cagtaaaaac aatgaatgcc ggaaggcagt ggaataaacac 300
aatcagagca ctcaatgaag aaaaaaaaaat tctcaaccaa aaatcctata tccagcaaag 360
accatctttc aaaaatgaag gtaaaatata gactttccta gatgaataaa tctgaacttc 420
ttgttagcaa acccacctta tgagaaacac taaaggaact tcttcagctg aaaacgagga 480
actccatata gcaac 495

```

```

<210> 676
<211> 509
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(468)
<223> similar to gil698455 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 676
aaattttaaa caagtggat caagatcctg aagcatttct ctgaagagtt gtaacaggag 60
atggaacatg gctttaccag taggatcctg gagacaaagc aatgggtcct aaaaggggga 120
agtggccag tcacagcaga agtgatcagg agcagaagtc acagcaacag ttttttgaga 180
tgctgaagac attttacttg ttggctttct agagggccaa agagcaataa catctgctta 240
tgatgagagt gtcttgagaa agccaaaact ttagcaaaaa aatgcccaga aagcttcacc 300
agagggtcct tctccaccac cacaaggctg ctgctcattc ctcatcaatc aagggaatt 360
ttgcaagagt ttcaatggga aatctgtagg cattcacttt acagtcctga tttggctctt 420
tctgacttct ttttgttttc taatcttaaa aatctttagg tcggtcattg tggctcatgc 480
ctgtaatctc agcactttga gaggccgag 509

```

```

<210> 677
<211> 472
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(454)
<223> similar to gi3746840 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 677
cgctgaaga caggcaagaa gttaggggag ttctgatcaa ggcgaccaa tccagattct 60
gatgaagggg aagattagga gggagagagg aggaaaagta gtaggggtgga gctgccattg 120
cccttccac ttctttggtg gagaaagacc aagagtcacc ccgagatttt ccttatgaag 180

```

```

aggattcaag acctcagtca tggctcttcca aagcagccat tcctcccccga gtgaaggagg 240
aacaggacag actgagatct ccaagccgtc ctagcagctc ctctctcact aacgtggtgg 300
gaacggtggt gcacaacatc atgcagaagc gcggcttccg ggaaggctgg ggctcgggg 360
agcacctgca ggggcttcga gacgcctttc cggtaggggaa gactagcaaa tcaggcggca 420
agatcatcgt ggccgacgcc gcacagaaaag atgcattgaa aggtcagggtc ca 472

```

<210> 678

<211> 678

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (349)...(666)

<223> similar to gi4185942 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 678

```

attacagagc aggtttgttt gccaaactaaa gctaaagcgg caaaggaggg agaggttcat 60
ccctaccctt ttgcaccccc tccttatctt gaagaaaaag agtggcctga ccctccagat 120
ctttcttttc cagaggacag tgggcgaaaa gtagttgtct cagtgactgt ccgagcagca 180
ccttgagcga cccctctcag ttctattcag gcaggaattc agcaagctag ttgagagggt 240
gatttagagg cttggcagtt ccctgttaga atacaccccc cagatcaaca gggaaatatt 300
atagctacat ttgagccttt tcccttttaa ttactcaaag aatttaaaca agctattcat 360
actaaaaaag aatgtagaaa taatcagcaa gtcagctgcc agatagggga aaaaagaaaa 420
ctgctgagtc tgaaatatgt ccaacatgta aaaaaggaaa aactgggct aatcagtgtc 480
actctaagtt tgataaagaa gggaacctga tttcaggaaa tgccatgagg ggctgtcct 540
gggccccatt ccaaactggg gcatttccag cttaggccat tcctcacac ccgtacaatg 600
tctgtcccc gccacagccg gtagtgccgc agtagattta tgctgcacaa aagctgagga 660
attcctgcgc actgcgct
678

```

<210> 679

<211> 451

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(452)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (451)...(24)

<223> similar to gi296382 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters



<220>  
 <221> misc\_feature  
 <222> (31)...(361)  
 <223> similar to gi2065210 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 681  
 gttgcagcct cagctataaa tgcatttttg atactcctcc aacctattta ccaataggga 60  
 aggtttccat ctctgagtgg gcccagaac aggaaaaggc tctttagaaa ttccagactg 120  
 caacataatt atagtattcc acaactctag gcatcatgtg aagccacagg ttaaactcca 180  
 atagtagaat tgtagtgag acccttaggg ttcttaaagt tatctgaaat agagaactat 240  
 aaatgtttgt aaaaccagtt tatggcatgc tattaggcac ctgtagagtt acagagtctg 300  
 accacatgac gtcaagtaac tatgaggcaa gaactgcccc tcatgagctg gggtgcatcc 360  
 agattcatc 369

<210> 682  
 <211> 1310  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (260)...(1311)  
 <223> similar to gi4966262 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 682  
 cagctactca ggaggctgag gcttgaacct gggagaggga gggtgcagtg agccaggatc 60  
 atgccacttg cattctagcc tggatgacag tgagactgtg tctcaaaaaa aaaatcctgg 120  
 gatttaatat tcatttttgg ctattcttac tttcttactc aagattttga ggcctcaaatt 180  
 aattgttata gttgttcaaa actgtattaa tctaaaggac attttatcaa gaaaatttta 240  
 attcctttct ctgttcagga aacgattata tatggaagta tttgaatata ctgcgccctat 300  
 gatgcatcct gaacctggaa aattctacca gattaatcca gaagagtatg ggcatccaaa 360  
 tacctggaaa gagagtttcc agcagttgta taaagggtgca catgtaaagc caggatttgc 420  
 tgaacatttc tacagtaacc ctgcaagata taaaggaaga gaaaatatgt tgtattatga 480  
 tactattgaa gatgcccttg gtgggggtaca agaggctcat tttgatggac ttatctttgt 540  
 tcattctgga atatatactg atgaatggat atatattgaa tctccaatca ccatgattgg 600  
 tgcagcacct gggaaagtgg cagacaaagt tataattgaa aacactagag attcaacctt 660  
 cgtttttatg gaaggctctg aagatgctta tgttgatgat atgacaataa ggtttaacct 720  
 tgatgacaaa tctgcacaac accacaatgc acaccactgc ttagagatta cagtaaattg 780  
 tagccctatt attgatcact gtatcatccg aagtacatgt acagttgggt ctgcagtatg 840  
 tgtagtggt caaggagcat gtcccacat caagcactgt aacatcagt actgtgaaaa 900  
 atgttgggac tatatataac agatcatgca cacgggaact atactgacgg ataactgaaa 960  
 tttccaataa tgccgttagc tgggatttgg gttaaaaatc atggaaaccc aattattaga 1020  
 cggaatcata ttcacatgag acgtgatgtt ggtgtgttca catttgatca tggcatgggt 1080  
 tactttgaaa gttgcaatat acacagaaat aggatagcag gctttgaagt aaaagcctat 1140  
 gctaacccta cagtgggttc atgtgaaatt caccatgggc agactggagg aatatatgtc 1200

catgaaaaag	gaagaggaca	attcatagag	aataaaatct	atgcaaacaa	ctttgcaggt	1260
gtatggatta	cctcaaatag	tgacccaaca	ataaggggaa	attctatatt		1310

<210> 683  
 <211> 968  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (11)...(705)  
 <223> similar to gi5732634 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 683						
cgggggatga	gtaggcaccg	cgggtaccac	cccccgcca	cccaagctga	acctgtgcct	60
cccctcacc	ccgacagcg	ctccgtcctg	tccaatccag	gagctggggg	ccctgccact	120
ccctccctcc	tgtccacac	ccaacagctc	ggccagtcct	gtgggccctg	cttccagcat	180
ccatgccaaa	tccaccatgt	ctcccccttc	ctgtcttctc	atggtccagc	cccagcatgg	240
cccgcctgca	cccgcgccg	tcccaggctg	caacttctcc	cccagcagct	gtcctccccg	300
cagcaaccac	cagagggcgt	ctgtgagcgc	ctgggtcagg	gcctgtccct	cttctgcccc	360
cagctctctg	tgagtccac	tgtcctcagg	gtcaaatccc	ctaagtcctc	cccatggccc	420
accaggccct	gcacgacctg	ccctcccctc	ctccctctac	tccagccaca	caggcctcct	480
ccctgttctt	ccaacacaac	atgccagggtg	tggtcctgcc	ccagggcctt	ggcactactt	540
gtccctcccc	attggcctgg	aatgctctga	catcctgcag	gtgtcagggc	cacgtcacct	600
cctccaagaa	gcctccctg	gcttctctgc	ctggctgtcc	aggtttctct	gagcgttcac	660
ctttacacac	caccacacac	ggtaccaacc	acatgttcac	ctctgtgact	attaacacgg	720
ctggctctgc	cccaggccca	gaccggctgt	ggtttccagg	ccctgggcct	ctacaggcgt	780
gaatgctgtg	atgctgtggt	ctagaacat	ccatgtctga	accctgagtt	ctgtgggtct	840
gggttacacg	gactcggggc	tcccttccag	ctggggccac	ccccgatata	tttctgtacg	900
gtgtcttcag	cactgcacac	atggacccaa	cgtttgttga	gtgaataaac	tacatgcaca	960
gaggaaga						968

<210> 684  
 <211> 510  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (9)...(248)  
 <223> similar to gi9999 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 684
aatccttata ccatcaccaa ttgcaccacc actgtccaca cccaccatca ccttcactgc      60
catcactcca tcaccaccag caccaccaat accatcacta accccacagc caccatctct      120
gcaaaaacatc tccaccacct tcaccaccat cgtcaccatc ggtaacagca ccatcattat      180
caacagcacc cacaccgtca cctccatcac ccaccacctc cacctgcatg tagcacgcac      240
ccacctcatg ggggttctcg atgtgtcttg ggaaacagaa tgtgtttatt tgaaggtagc      300
tgctttcagg aaacaggcgc tgccagagat taaagtgaag atggggtcgg aggataaggg      360
aaggcttcca gaaggaggca agctagagct gagaggacca gggctgagtc aaacctgcag      420
aagagccagg gcctggagag aaccttttct gccccatccc ctccccttcc cctagggatc      480
cagcttccaa aggccgaggc ccaagacagg                                     510

```

```

<210> 685
<211> 395
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(385)
<223> similar to gi2981631 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 685
tagaaaccta catgaaatat acaaactctc aggaatacac aaactaccaa aactgactca      60
aggaaaaaca gaaaatctga gatctttaat aagagattga atcagcaatc aagaaacttc      120
caggaaagag gagcccagga ctagatggct tcataatgaa ttctacccaa tgtttaaaaa      180
agaattaaca ccaatccttc aaattctccc aaaaaaatag aagaggagga aattcttaat      240
tcattctctg agtcccgaat taccgccgata ctaaaaacag agtaagagat cacatgaaaa      300
ctactgacca gtatctctta ggaatataga tgcaaaaatt ctcaacaaaa gattggcaaa      360
ttaaatctag cattatatta aaataaaaac atgcc                                     395

```

```

<210> 686
<211> 725
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (137)...(723)
<223> similar to gi2653222 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```



```
ctcagcaagt gatgactcaa atcatcaggg ggcagcctgt ctccactgca gtctccgccc 1440
ctaacacggg ttcttcaaca cctgggcaga aaagcttaac ttcagcaacg tccacttcaa 1500
atatacagtc ttcagcctca caacccctc gcccacaaca aggacaagtg aagctcacca 1560
tggctcaact tactcagtta acacagggcc acggtggcaa tcaaggtttg acagtagtaa 1620
ttcaaggaca aggtcaaaact actggacagt tgcagttgat acctcaaggg gtgactgtac 1680
tcccaggccc aggccagcag ctaatgcaag ctgcaatgcc aaatgggtact gttcagcgat 1740
tcctctttac cccattggca acaacagcca ccacagccag caccaccacc accactgttt 1800
ccacgacagc agcaggtaga gctgtgggtt tatcggaat gtcggatgtt actactacac 1860
gtggctgggc taacacaggc caacaggaga accagtatit acctttggaa ggatatgcct 1920
caagccagtg agctcaacag ttgacatagt cagcctcaca acgtctcgaa gcttttgtac 1980
cctattctta cagactccct gttaccacca ccctctccct cctattaaaa aagagagaga 2040
gagaaaggg 2049
```

```
<210> 688
<211> 649
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (33)...(616)
<223> similar to gi3165522 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 688
cattctgatg ttggagcggc cacagctgtc ttgcccctcc tcacggccgt gttgggtgtt 60
accgtggtca cccgcaggga cacggagggg ccaggcagag cagccctagt tcacctcacc 120
gggagcccc gccagaaggt gggcacctct gggaggagg gactgccagg ccttggggct 180
tcctgtgctg agtcagagct ggaacgggag acgcaggagc cccgcagccg cgggaggtgc 240
atatttgggg ctgccaggtg gcgccaggtc cccttggcca gccccagcg cccctttctt 300
ctgtccccag ggcctcggct tcacaggatg gggctgccag tgtcctgggc ccctcctgcc 360
ctctgggttc taggggtgctg cgccctgctc ctctcgctgt gggcgctgtg cacagcctgc 420
cgcaggcccc aggacgctgt agccccagc aagagggcg cgaggcagcg ggcgaggctg 480
cagggcagtg cgacggcggc ggaagcgggtg agtgccaagc tgtcccgggg accaggggtg 540
ggtccgcagg ggaccgacca gccttcctcg cccccagtc ctactgaagc ggacccacct 600
ctgctccctc agcaagtcgg acaccagact gcacgagctg caccagggc 649
```

```
<210> 689
<211> 876
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (19)...(621)
<223> similar to gil813968 in the genepept database release 114,
```



Run with FASTXY 3.3t00, default parameters

```

<400> 689
gggcgtcggt agcacatagg aaggagaccc tctcctccc gaggtcaccg ccgacacacc 60
cgagagcct gcagatctcc tgggacaggc gaaggctgcg ggaataaagc tccctgtacg 120
tgtggcgcc gtgctggtca accagggcga ttctgtcccc aaaggccagg gcacgggtga 180
acaccggggc gctcctgtcc gagcgggcca ctggggctgt gtgcagaaga ccacttcctc 240
tgtgtctcgc aggcggcagg cggcaggagg ccaaggcgca gcccaggcgc cggaagggtga 300
gcaccacatg gggcggcatt gcactgacag gcgtcccgg gagcctcctg gggccgagcc 360
agctcccag ccagagagag gaggttaagg gaagtgcag caatgcaa atgtcatcctc 420
cagctgcttc agcaggtgga agggcacgat aagggtgcagg caatgcaa atgtcatcctc 480
ctggggcagg caccaggcct ggcgtctgga cccggaaggc cgggtgggaca cctgtcaacg 540
ggcatctgtg ctgaggtccc aggctgtgtg tataacgctt cccacaggca caacactcaa 600
cactcaatgg gggaaggga gcatgttcat ttacaagcta aagacaacat tatcaaataa 660
agctgtgagc cttatctccc gacaatggcc agcagtgaac ccatgaccct gtcgagtctc 720
ctccacaca ccacgcccc tctgtgggat ctgtgccc atgttcagcagg ttctctctct 780
ccagcacatc tctttcatta acttgtgagg ggaaagctac tgtgttattg tctgtggttt 840
gtaataaaca gttttgtttt ctgctcttag tttgaa 876

```

```

<210> 690
<211> 1037
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1038)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (123)...(613)
<223> similar to gi2997619 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 690
taaaaagtga ggatcttttc ctttcttgta agttagaaga aataacctct tcagttaaac 60
cttcagtga ggttctttta gttttctgtt ctgctttcta aaaacataga ctctgttctt 120
tagagcaact tatgactctc atctctgctg cagcagaata tgagatagag ttcatctatg 180
cgatctcacc tggattggat atcacttttt ctaaccccaa ggaagtatcc acattgaaac 240
gtaaattgga ccaggtttct cagtttgggt gcagatcatt tgctttgctt tttgatgata 300
tagaccataa tatgtgtgca gcagacaaag aggtattcag ttcttttgct catgcccaag 360
tctccatcac aaatgaaatc tatcagtacc taggagagcc agaaactttc ctcttctgtc 420
ccacaggtat tgtatataat ggctttacat ttaactagtc ttcttggaat atataactta 480
taaaggacca tgggccccat tctctctcca ctccctcct cctttggtgt gtaaaagtag 540
gaatcttttt ttagaagaca tttttcaaga tcctaaattg gagaaatttt aggaactaat 600
aatgacaac tgactaggca aaagattttt atgtattttt aagtactgga agtatatgaa 660

```

```
cattacattg tcaatattaa aagagggata gtattgaaat gaaaactgga gaaaaaccaa 720
attacattgc ttttacctta gtcacttctc atttcctcct acttgctccc tttttctgcc 780
catgcatatc tgtccctttt tgcactcctc ccactcccat ctgggctctt atttcaagta 840
gtcagcatag aaagcttaac agtttttccc gttttccttt ctttntgccc ctctggtttc 900
tttcattgaa aatatttttag tctcttagtt gcttctcaaa attcaactta caggaagttt 960
tccccacact tcctttgtca ggaagaattt tagattaaat tattttaactt tctttgtgtg 1020
tatgtgagcc gagaacc 1037
```

```
<210> 691
<211> 701
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(701)
<223> similar to gi4584086 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 691
ggagacagag tggggaggaa tgccctgtct cctctcccag gggccccgac caccagccta 60
gaccagcggg actctgggct gctcaggctt cagccatctc tctcctgcca ccatggctct 120
gccagaaac cgtggatggc cctgccccca accctagaat gttgcagggc tttccggcag 180
gagaggggca caggagggcg accatgggct gaggtttctg aatgacattc agcaggattt 240
ctgccaatgg ctcgatggct cgcttccact ggtaaggatc accggtctgc cccaggggc 300
cctggaccca aacaggagca tcaggcctgc ccaggaaaaca gacacctcag gtccgtcact 360
cggaggcctg gatgtagacg ggcacagcga gcatggcaca tgggccctcg gccccggcct 420
gcagctccgc cagagccagg ttggagccca gccctcagc gtgtccagggt accaccagct 480
cagtttccgc gccaccgca ccaccacaa cgatggacag caccgcgtcc ggctctgcga 540
agggcggtt gccggggaca gcctcgggca ccagcccagc ccctgtgtcc ttcagctcct 600
ccagcccag cgggtcaggc aaggggtca gcaccttgcg cccaccactg ccgcaactgc 660
gggggggctg ccctcctctg ggggggcccgc cgggtctaca g 701
```

```
<210> 692
<211> 1979
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (221)...(1899)
<223> similar to gi50489 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

<400> 692

tttttttttt	cacgtctgca	agtcagcggt	tattgctcaa	gcgtattaaa	caaaaatgta	60
gactgaaaga	gacagtctct	ttaaacccca	tttttccgga	ttttttaagc	gctctaaaaat	120
aagaaaaataa	gaaagtgcaa	gccagcaaaa	acgctccaag	tgcctaattc	tgactctgaa	180
acttgagctc	tctgggtctg	ccccaagaa	gacatcagcc	cgccccgggt	cgccctgtg	240
gctcccaccc	cattcccagg	agcagacccc	gccagcctca	aagctgcagg	gaggtggggg	300
tggcctgcag	acaggggtgg	gtctgcatcc	ggtaccagtg	acagcagcct	ctcctctccc	360
acggtggtgc	ttgtttgggg	ctgtggccaa	agtgtttgcc	cgccccctga	ctgtgtcctt	420
ccggagctgc	cgaggactgc	agagagggcc	tggcttgctc	cctctaggag	cagctgggaa	480
ggtgtcttgc	ctgcatcccc	cttcaatggt	tgaataaat	gattccactt	gtcatgaaca	540
ccatgaaggt	atcttggcag	ccagagtcac	tcctgttccg	aagtgggaaa	cctgggaggg	600
tcctcaaac	ccctggcagg	gtctgcaggc	cgccccatcc	agctgcatct	cccaggcctc	660
ctggttcttt	gatcttgatg	gccccaggcc	acagatgcat	ctccgggcct	ttccagcagc	720
ccatggggga	ccagtcaata	caccccacgg	cggtgaagag	aaaacgttca	tgtcttctca	780
gatcagaagg	aaagaaacaa	aaccattgtg	aaggaaaaaca	cctgctggaa	agtaattatc	840
aaagtaacag	cattccagtt	tcacagtgc	cccaactcac	tgtggattta	ctgccgtcag	900
ctgggaggac	ccaggcgccc	tcgggacgag	gagacgcagg	gaaacccact	cctggccatg	960
gcactacca	aagccagtg	tattctcaca	cccaactgtc	cctgcagcct	ggcaggtggg	1020
cagtgaccgc	ctgggctgta	ccctaagacc	caaaaacagc	ggagatggag	aagaccgctg	1080
ccctggggcc	ttctcagtga	ggatcaagac	aaagtacttg	ctaggaggta	gagggcgctg	1140
ggtgaacctg	tgagaattcc	tgggctctga	cctgatctgt	cctgcatttt	gagtaatggg	1200
agcaaacaca	ggagggaggg	gctcagcttc	ccccggtcac	tggggccagg	gagacgtggt	1260
ccagccgggt	tacaaagcct	tggatgcagc	cccaccccca	agaacactgc	ctgtcacagc	1320
agcggccacg	tggcactcca	agctgggcat	gacagtggcc	gggacgtggg	cagcgcccat	1380
gtggcactcc	aagctgggca	tgacagcacc	caggacgtgg	gccggccagt	gtggcggtgg	1440
atccctctag	aatgactggg	tctaagtagg	gagacagggc	aggcgacccg	gcgtggactg	1500
gtgtggattt	cacctgggag	agcagcggca	gcctgtgtcg	cttgccgcca	ggctctggag	1560
gaggggcccc	tgcggctccc	gggccaggac	agaggcgccc	agccctgctc	tactgtcca	1620
ggaagagccg	ctgggcagcc	tgagcctggg	gcaggtgcac	cttgacaggga	agtgggtaag	1680
atcccactgg	gctgactgag	taccggggac	agaccctaag	cgtaggaggga	ggaagcccgg	1740
tcagagtggg	caggagacgc	agggacccac	agtctgggtca	ggtccagaga	gcccactcca	1800
gccaagacca	tgagagaggg	aggaagagga	gctggggcca	gttcaggggt	ggggctctca	1860
agaggccgag	ccgggggccc	ttcctcggcc	tgggaagtgt	cggccatgct	cctgctgtta	1920
cgacacggga	gccactcgga	gctgactgat	ctcactgagg	cacagactag	ccaacattg	1979

<210> 693

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (11)...(728)

<223> similar to gi22333 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 693

gggcctccag	actccagctc	agttaagggtc	gccaagcagg	taggatcttt	ctggaaccca	60
gatctgatca	cacctccctg	gaggtccctt	caggcctgcc	ctccctgcca	caccctcacc	120

```

agacaaaaca cttccctgtg ccatcccca gctctcacct cctctcatct gaagcgctgc 180
gcctggcaca ccaggctcca ccttgctgct ctggccaagc cctactagga aagtaaaatg 240
tcacctccag agagaatcaa ccactttatt gcctgctctc tccagcatct cgcggtatta 300
cctacatgta ggagtcccct acccaacccc gggcagccca ggatcctgca ccagtgagc 360
cctcatcaat ggctaactga atgggaagct agtgagaggg tggggctggc ggtggtcagc 420
ctatgtcagc cctggacaga aggggtctcc ctcatcctgc agctggtcca ggaagcagcc 480
ctctttggag ggctccactg agagctcctg ccctgctggc tccgtaccca cagcagggcc 540
aggatggagg acgctgcatg ctgtgccaga acgagtgtct agtggacctc ccactagac 600
tccccactag actccccacc tagctcccta gccaccaca ggcaccgctt ttggttctag 660
ggttctgccc agccagcctc cctgtcccaa ggccaggcca tcccagctga gaccctgcc 720
caggatccgc tgcattggctg gcatctgtgc caacctcct 759

```

```

<210> 694
<211> 1542
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (264)...(1178)
<223> similar to gi3183977 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 694
cttgccaagt gagtgtgggc gcaagacgcc cctcttgccc agggctctgc ccggcctgtg 60
cttcctcagc ctgtccatgc accagttggg agggccagca caggatctgg cgccccttt 120
gggagctagc cagcaagaca cccacgtcac agtgggcaca atgacatccc aaaggagggg 180
tcaggagcct ggacatttgg ggagtggcct ggcatgggtc gggggcagta ggtggagtcc 240
aaccaccgat ctgctcctct tacagggaaa tcgggagcac caaccgtgcc ttgctgccct 300
ggctgctcga gcagaggcac aagcacaaca aggcctgctg cccgctggag ggggtcaggc 360
catcacccca gcaggtcaga ctagacttgc gtggccaca acccctatcc tgggttttga 420
aaaactttgc ttttgctcac ccttcctgtt gatctccctg ctttgtgttt tcttctggta 480
acatcacata gttgtcagct gttcctcttg tttgactgcc agcccctgtg gggaaatcag 540
ggtttccagg cccaagcgct gggcagccag ggtaaggtgc agctctctct ccagcagac 600
tgagtatcgt aataagtgtg agtttctggt tggcgctcgg gtggatgggg aggataacac 660
cgtgggctgt cggtcggca agtacaaggg cgggacgtgt gctgtggcag ccccgtttga 720
caccgtgcac atccccgaag ccaccaagca ggtggtgaag gccttccagg agttcatccg 780
gtccactcca tactcggcat acgaccaga gacgtacaca ggccactgga agcagctgac 840
tgtgcgcacc agccgcccgc accaggccat ggccattgcc tacttccacc ccagaagct 900
gagccctgag gagctggcag agctgaagac ctccctagcg cagcacttca cagcagggcc 960
aggcagggcc agtggagtga cctgcctcta cttcgtggag gagggacagc gaaagactcc 1020
tagccaggag ggcctgcccc tggagcatgt ggctggggac cggtgcatcc acgaggacct 1080
gctagggtctg accttccgga tctctccaca cgccttcttc caggtagcca tgagtccctg 1140
gtgggcatgg ggacatgttg agggaggcct gacgcaccat caggacgtga tgggaacagt 1200
gggctcaggc ggtgagattt gggggagtat ccaggcaggt gagccacagg ggagggtgaa 1260
gtaagaaaga ggttggtcat cactgatttg actcgggata acctagaggt acacacggca 1320
gtggcccttg tcacaggag gatgaggagt ggccctcagt gcattaccac agggcactgc 1380
tctgggctcg gcaggaggga ggccatgggt gcctctgggc tgggaaatac tgtttcactg 1440
tttgctcact gctgcaggaa ggctgtgggg acctggagcg gccgtttttg gagacaggcc 1500
tggcaggacc tcctggaggg ctatgtgtgg ggggtgggagc tg 1542

```

<210> 695  
 <211> 516  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (64)...(414)  
 <223> similar to gi600118 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 695  
 cccatctccc ttgcgcgaaa cgagcctcag cacgaaggcg acagaggggc cggcaggggg 60  
 cgcccagagcc ccgtctcttg agcacaaaaga cccccggccc ctgcgcgacc cggacgagct 120  
 cgcatctcagc caacgactcc tgtgagaaac attccagcaa gcactcggct gctcccctgc 180  
 ccgccgcgct cacaaccgcg tccattccct cctcactcta aagccagccc cccgtgcacc 240  
 tgagaggcca gtccaggctg tgacgccgca tcctcacctc ccgcaacagg gaggtcagca 300  
 ggcggccgag cagcagggac agaccctcag cctcatctca tcttgggccc ggacctgcaa 360  
 ccctcagcct tcaaaaccac accaaagcca agcggccccc agggcctgca cttacgggac 420  
 agcgagtggg cccctctggg caggtactcg aacagcaggg agccgtcatc ccccagcacg 480  
 tcggccttca gcgacagcag gctgttctta ccggac 516

<210> 696  
 <211> 967  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (409)...(918)  
 <223> similar to gil334878 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 696  
 cgcacagggg gaaatgaggg tcaggaggcg agctctcctg gcgtgtgcct gctctgccaa 60  
 ccagctgctc ggtggcctgg ggcaagccgc taagcctcag tttcccgtct gcaacagAAC 120  
 agccacctcc gcggcatcag aagctgctgc agagtccgag gcacggagtg gtcttcagg 180  
 gcacggcact gtgccctggg catcagtatc tcctctgcct tgacgcctg cgtgttacac 240  
 agggcaggcc cgctggggg gtgacttgga acctcagctt ccttctgacc tgtaggcagg 300  
 ggccccctc aagggaagca gctctggaga aaaagtacaa catccttccc tgcattctcc 360  
 tgcgttcggc agggacagaa actgggcagc tttctggagc gcggtttggc aacatgtggg 420  
 cactgaaaac acagtgtctc ctccccagag ccagggaccc tcagtgtcag agaggagccc 480

tgcgagctcc	ctccccagag	ccaggggaccc	tcaggggtcag	agaggagccc	tgcgagctcc	540
ctccccagag	ccaggggaccc	tcaggggtcag	agaggagccc	tggcttccag	cacaaaggca	600
ggtgcactca	gtggatcctg	cagccctaca	gcaacggtgg	gaaccaggaa	aacctggacg	660
acagggcctc	ttgctcccc	caccccatct	gggaagtgtg	tgggaagttt	ctacactgcg	720
tcaccctctc	tactactgtt	taccttccaa	ggttgagcca	tcctagtggc	tgctgtggcc	780
acacctgcag	cccacacggc	caacctcca	cagcatctgt	ccagaggccc	aggcagctcc	840
tgccaggaac	cccgcagtgg	cgctctctgt	ccctctcccc	aggttagaag	cctctgctgt	900
ccacctgca	tcctccatgg	gaacaagggc	ctcgcgcgga	gccaggcctg	ggtttgaatt	960
ctgactc						967

<210> 697  
 <211> 811  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(812)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (23)...(812)  
 <223> similar to gi2981631 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 697	
tggaacccng	ggagncggaa cttttacagt gagcccaagg atcatgccna ctgctctccc 60
agcctgggcc	catatagcga gagtttgtct caaaacaaac aaacaaaaca ctaaaggaaa 120
ttagggcttt	aaaaaaatgg aacgtcttcc ccatgccctt ggattgttaa gatttaatat 180
tattgtaaa	gcaatactcc ccaaactcat ctacagattt aatacgaccc ctatcaaaat 240
tgcagctgcc	tattttgcag aaaatgacaa acatcctaaa cttcatatga aaatgagaga 300
tccagaagag	tcaaaacaat cttgaaaaag aacaaagtgt gaggactcac acatttcact 360
ttcaaaccct	actacaaaagc cacagtaatc aagacagtgt agtactggcg taaggacaga 420
catatggact	gatggaataa aattgagagc caaaaataaa ctcttaaatg cacattcaac 480
tgatttttga	cagggatgcc aagaccattc aatgggaaaag aatagtcttt tcaacaaatg 540
gtaatggaaa	attggataaa cacgtacata ataatgaagt tggatcccta cctcatacct 600
tatgaaaaag	attaactcaa aatggatcag agtattaaat gtaagtgcta aaactaaaca 660
cgggtgtaac	ttttcctgtc cttggattag gcaatagttt cttatgacac ccaaagcata 720
agcatccaaa	ggaaaacaat agagatcttt aaaattaaaa atgtatgtac ttcaaaggac 780
actatcaaga	aagtgaaaag acaatccaca g 811

<210> 698  
 <211> 963  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (5)...(964)  
 <223> similar to gi3599339 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 698  
 tggaattcaa attaccaacg ttaggcagaa aacaggggtt ctaactatag aacctacaga 60  
 cattaaaagc ttaataagtg aataatatga acaagtctat ccaaaattca ataacttaaa 120  
 tggttctaatt gcttgaaaaa cacgaagaag actcaccaac tataaaatag ataattttaag 180  
 tagttttata ttaaagaaat ggaattcata gttttaaaca tgctgaaaag gaaatctcca 240  
 ggcatagatg tcttccttgg gtaattatac caaactttta aagatgaaat gacatcagtt 300  
 ttacataaat tattccagaa aacaaaagtg gagagaacac ttcccagctt attttacaaa 360  
 gccaacatta tgctgatatc aaagccaaag acagtacaaa gaaggaaaac tatagaccaa 420  
 ttcttcttct gaacatggac acaaagttta caacaaatat cagtaaatca tagctattaa 480  
 tacataaaaa gaaagataca ctacaactag gtgtggttta ttcagcaaat gcaaggctgg 540  
 ttcaatatatt gaaaatcaac caatgttatc tgcaattttg acagactaaa gaaaaaataa 600  
 aacaccacag gatcatatca gttgatgcgg caaaagcatt tgaccagatc aaacatccat 660  
 ttataataat aactctcaga aaactagagc tagaagaaaa ctttctcaac ctaaaaaacg 720  
 aggaaccaca aattaactaa agctagcatc acacttgatg gctaaagtct caatgctttt 780  
 cccctaaaat caggaccaag gcaagtgtgt ctgatctccc cactgctatt caacatagta 840  
 ctgggaatcc tggccattac aataatgtaa gaaaagaaaa gctatacaaa ttggaaagaa 900  
 aaaataaatc tatccttatt tgcagattgc atggttgtct agatagaaaa tcccaaggaa 960  
 tct 963

<210> 699  
 <211> 860  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (6)...(860)  
 <223> similar to gi3002527 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 699  
 tttttttttt gagatggaat ctgcgtctgt cgcccaggct ggagtgcagt ggcacgatct 60  
 caactcactg caagctccgc ctccctgggtt cacaccattc tcctgcctca gcctcctgag 120  
 tagctgggac tacaggcgcc tgccacaacg cccggctaatt tttttgtatt tttagtagag 180  
 acgggggttt actgtggtct caatctcctg acttcatggt ccgcctgcct cagcctccca 240  
 aagttctggg attacaggtg tgagccaccg cgcccagccc gtttttaaga tttttatatt 300  
 gaaaaattgc caattcttta agtgttttct ttttcagatt tatgaatttc tttatctttt 360  
 aagctatcta taccttactg caatttggtg aagcagactt ttgtgaacaa aaattataac 420  
 atttactttt gctccctacc tgactgccac agaactgggc aactattcat gagtattcat 480  
 atgtttatgg taattcagtt atttgcacaa gttcagtgag aatctgctgt ctttataatg 540

```

ggatatagtt taaaacattg gttatattac caaggctttg attgggatgt tatatttgag 600
aaaatacaga gaatgataga ttaacggagt gtctaatacta tcgtgtcaac cccaaatttt 660
tacgtatgag atccttttagt ccacccaatg gctgacagta acagcatctt taacacaact 720
ctttgttcaa atgtactatg gtctctttta gagtcagact cctagactca cttgttctca 780
ctgtctgttt taatttaacc caggcatgca atgctagata ataaaattgc tccctattgg 840
ctgatcaaaa aaaaaaaaaa 860

```

```

<210> 700
<211> 451
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (15)...(451)
<223> similar to gi2197085 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 700
gcactcggag cgagcacaaa atgattacac aattgctcaa gtaggacttt atcccaggaa 60
tgcacggatg gtttcatatc tgatcaatta gtataatata tcctatcaat ataaggaagg 120
gacaaaaaca agatctcaac aggtgcagaa aatcatttga caaaatccaa tgctcttcat 180
gataaaaaaa aagaacctca acaaactagg aatagaagta aattttgtta acttaacaaa 240
cagcttctgt gaaaaacctc cagttaacat catattccat gataaaagca tgagagtttt 300
gccccagta tcaggaacaa agcaaggctg cccactcttg tacagcgtac tggaaattcc 360
tgccagggtcc ataatgcaaa aatatgaaat aacaggcata tgattggaaa agaaaaagta 420
aaactatctc tggttgcata caatatggcc t 451

```

```

<210> 701
<211> 453
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (24)...(452)
<223> similar to gi5851985 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 701
cctgaggact tctgcacgag cggcaagcag aggccagatg ctccatctgt ctggactacc 60
tgagacaccc aatgaccact gattgcaggc actacatctg aagtgcctgc atccaccaat 120
gctggtaaga attacaggac atctctccct gtccgtctct cctccagcac tgtcctgaca 180

```



```

agaacctcaa gaggaacttc cagttatgcc acatgaccga tattgctaag cagcttctca 240
ccactgcaag gcgcaaaagg aaactgcagg gagaggagcc cgtgtgcagg aagtcagatg 300
tggccctgtt ctgtgagaag gatcctgagc tactgtgtca ccagtatagg gtctccctcg 360
accactgaga tcacccccga tgcccattga acaagctgca gctaagcaca ggaagcagtt 420
cgagagctac attgaaccct tggaaaagca agt 453

```

```

<210> 702
<211> 553
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (232)...(532)
<223> similar to gill144514 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 702
aattcggcac gagacctgga atatgatggt gaaccccagg cccctggaat atgacagtga 60
accccagaca cctggaatac aacagtgaac cccagacacc tggaatacga cagtgaagccc 120
cagacacctg gaatacaatg gtgaacccca gacacctgga atacgacagt gaacgccaga 180
cacctggaat atgatggtga actccagacc tctggaatat ggtggtgaac cccaggcccc 240
tggaatatga cagtgaaccc cagacacctg gaatacgaca gtgagcccca gacacctgga 300
atacaatggt gaactccaga cacctggaat acaacgatga accccagaca cctggaatac 360
gacagtgaac cccagacacc tggaatatgg tgggtgaaccc caggcccctg gaatatgaca 420
gtgaaccccg taaacctgga atacaatggt aaaccctaga cacctggaat acaacgatga 480
accccagaca actggaatat gaaagtgaac gccagacacc tggaatatga tgggtgaaccc 540
cagacctctg gaa 553

```

```

<210> 703
<211> 306
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (288)...(133)
<223> similar to gi537530 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 703
tttttttttt ttttttgtca tcttagaata tttaatcagt tagcactaga tgaaggctgg 60
agtaggagag actgggatag tgggggggcaa tgtgggggatg gaggcagggc gagggagata 120

```

```

aagtcaaact ggtttttttt ttgttttttt tttttttttt ttttttttgg agacagagcc 180
ttactctgtc gccaggctg gagtgcaatg gtgtgatctc agctcactgc aacctctgcc 240
tcctggggtt aatcgattct cctgcctcag cctgggcaac agtgagaccc tgtctcaaaa 300
aaaaaa 306

```

```

<210> 704
<211> 594
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (12)...(594)
<223> similar to gi216918 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 704
gaacttgctt acgacgccga tggtagtgta aggagtgcgc tgagagcggt actgcctgct 60
gaagaaagta catcgagtta gtatggaagg agctcgaaga aaagtttgga tttaaagtcc 120
tctacattga cactgatggt ctctatgcaa ctatcccagg aggagaaagt gaggaaataa 180
agaaaaaggc tctagaattt gtaaaataca taaattcaaa gctccctgga ctgctagagc 240
ttgaatatga agggttttat aagaggggat tcttcgttac gaagaagagg tatgcagtaa 300
tagatgaaga aggaaaagtc attactcgtg gtttagagat agttaggaga gattggagtg 360
aaattgcaaa agaaactcaa gctagagttt tggagacaat actaaaacac ggagatgttg 420
aagaagctgt gagaatagta aaagaagtaa taaaagctt gccaattatg aaattccacc 480
agagaagctc gcaatatatg agcagataac aagmccatta catgagtata agggccgata 540
ggtcctcacg tgctgttgca aagaaactag ctgctaaagg dgttaaaata aggc 594

```

```

<210> 705
<211> 421
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (13)...(422)
<223> similar to gi3327206 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 705
tggtatgtta ggcctccaaa tccattttat aggtcattat acccaaacat tatccaggat 60
ttagatacta tagaatccac ctacgggtgt gggcgacgca gcttcagag gattcaatac 120
cactctgaaa atagtaaagg tgtctatggt ttacagtacg atgatgaaaa aattatcagt 180

```

```

ggcctacaag ataattaaga tttgggataa aaccagcctg gaatgtttga aagtgttaat 240
ggccacacag gttctgtcct ctatctgcag taggatgagc gtgtcattgt aactggctct 300
tcggattcta cggtgagagt gtgggaagtg aacacgggtg aagttcttaa cacattaatc 360
caccacaatg aggatgtact gcacttacgc ttcagcagtg gactgatggt gacctgttcc 420
a 421

```

```

<210> 706
<211> 1194
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (996)...(344)
<223> similar to gi3002588 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 706
ctttgtggca tcaaatcatt atgtttgtat gtttgggaagg ccacgccatc tatcctccca 60
cccagggcag gaatttctgc tcccactttt gctttcctgg aggtgaaata ggaagaacaa 120
ggacccatgc tcaagtcccc aaagaatggc aggatgccct cagtggaggc agactgtatt 180
taaatgcaat tcacctcttt ggggtctagg aaaagccacc cgtaggttca tttgctggga 240
aacacgggtc gcgtgcctga ggcagtggac accagggttg tggccttgcc aagagctgac 300
tttctccgga ggtctgtctg ctgtccggag tggcagccac ttcggtgggc aaataggacg 360
gtcatctctg ggcccaagga cgctgcttca ggctgggacg ccttgagggt ggctggctgt 420
tcaggctttc cggagggtggg atgggaggtg taatgtttgg tgggaggagg gctgtaattc 480
tgaaatctca cggttttgac ttgcttttcg atgccatttc ttgagtttcc tggtttcacc 540
aggatggatg gtggggcaga tgcgggcggt tttggcagag gctcactctt gatggggatt 600
tctttgtctt ccataatgag ggagctggcc gcgagtgga tccgggcctc actgcccctg 660
ctgatgcacg tgagggcggg ctcccccggt agggcaggct tggaccccat ctccaccacc 720
acggctgagg gggaggaggg gatccccgtg ggctggtaga attggaactg ctgaggccga 780
aggacatgg tggggctgcg tctgaggagg cctaccacga gagtggggat cccggactgg 840
aggggtctct gcagggatcc attctttctc atgctgctcc gccctttccg aagagaccct 900
tgctcctaaag tcccagggcc ggctgtgctt ctacaggggt tgactatggc agtgggcaca 960
aagacggatt tgaagggacg gctttgccgt ggatcacctt ctgaaatgct gccttggggag 1020
gacacagagg aggtggataa cgtccatgtg gtgtagagac cagggtcccg ggagtctgga 1080
aaactagagg tctttctgaa aatggggatg acggtaat tggtttgcaa gaatgccgac 1140
ttcgccccgt tggaccaagg gggacggccc cctggaggcc agaccgggcc ctgg 1194

```

```

<210> 707
<211> 768
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (1)...(769)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (29)...(768)  
<223> similar to gi530876 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 707  
gacagagcgc tgggaattccc ggaggaaggt ggcccgcctgg aacagggtgag gacccccgcc 60  
gggacgcggg agagcgggtcg ctctggccgg ggccctccccg cggcccagtc tcgagtttcc 120  
tgacgcccc ggcccagggc tgcagcgggt ccacccacgg ctccagccct ggcgctgggc 180  
ttagagtgtg ttccccaccc gaaccccacc agctgttgca gacctcacag tccagtcccg 240  
gagtcagata gtacgaggaa aaagtttcta ttgcagccgc acagcgaaga aacgctctca 300  
gcccccttccc cttgagcgcgc tgggtcgtcg ttgagcccca ctctgctcc ctctgtncact 360  
cccgtccct cgtccgctcc caaacccac tctctgtcct gatgtggagg aaagctgccg 420  
ctggacttcg ggtttccaga atgaggcccc aaacagggtg actccagagc tagttgaaat 480  
tcagcactta actgtgctct ttgggtaaac ctgggcgcct tccagaaagc atgtttctcc 540  
ccaaaaccca gttctttccc ttctcttatt cctctgcccc gtttcagaga tcacaagggg 600  
gtcatctgag tcaggaagta aatggtcagt tctctgccgc agccacccca ttgttcacat 660  
ttaaaccgcg gcttgggccc atccagcaag tattagaact tgaaggcact tttatcatct 720  
tgtatgatcc tgggtgattg gactgacttg gatctgcggc ttgatgct 768

<210> 708  
<211> 447  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (146)...(447)  
<223> similar to gi854065 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 708  
tggggcatgg gaatggattc tttatcctgc cccagcccac caggatgctg gttaggctcc 60  
ccctagccct tgccgacctc tccctcctag gcccttgacg tcccgtttat ttctccata 120  
cagccttggtg acaccgaggt aaaagtgtat gtgtgtgcac agggccatgt gtgcgagcac 180  
gtgtgcattc ctgcatatgt gtgctgcgtc cgtgacatgc atgtgcagga gtgcagtatc 240  
cactgccgtg tgtgtgcatg tgtgcacatg cccctggcct tgtgtgtatg aacttgtggg 300  
gcttgtgcat gtgtatgtgc aagcgtccac gtgtgtgcgt gtgtgggggtg ccccatcctg 360  
gggaaggtgt atctgcagga tgctcgtgct aggaagctca gggccatcat tttccaaccc 420  
ggctcaagcc gggaattcc accacgc 447

<210> 709  
 <211> 822  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (219)...(822)  
 <223> similar to gi3875920 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 709  
 ttttttttgc tgttggttgc cttactttta tgctgacct gcagccccga caggaagctt 60  
 taacataaag ccttgaccct gagaagcatg ggtgcgtctt gtcgtgagca gggtcatggc 120  
 tgtgctccat cctcagcccg ctgatttttg gtcttttgtc ctttgatcca gcagttccca 180  
 cgtggatggt gtactgcttc tgccttgat gttgatgccg tgggcagtca ggccccggcg 240  
 caggggtgctg catgcttcca gcaggggctg ctttcttagg agctgctgcc gccgggctgc 300  
 ccccgaggcc tcgggcatgg ccagcgcaaa ctgccggacc ttctgccgga accgcaccag 360  
 ctgctccacc acaccatgca aggtagcctc gctgccgtct cctgaaacgt actgttgatt 420  
 tgccagagaa attccaacag tttcaaaaaa ctgttcaaag taagagatga tggcaccaaa 480  
 cacagcagga cttctcggcc cttcaggttc cttcagggac gccctgagct gtccattccc 540  
 gtggtgtgca aggccagga tggcatcaac caccctgggt gtgtcaaagt catctgccaa 600  
 ggccgccttc acggccctct tgggtgctga gagcctgagg gaagaggaga gaacagtcac 660  
 agcagaggga gctccactct cccagggcgg ccccaacacc agtccttccc cagggagaga 720  
 cgctgggggc tctaactctg ggactttctc taggtcatat tcccaaagac ttgagttcct 780  
 gagtagcaga aaattatgta acatcaactg caaactgtca tg 822

<210> 710  
 <211> 416  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (4)...(418)  
 <223> similar to gi286009 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 710  
 gtaataatca tatcaggaat tatcagttca ttgcctagca caggaaatga caaacatgaa 60  
 aggaaggtcc tgttgatttc actaagcccc agagatcctg tatatctact atgagaaatc 120  
 attgaagttc tgcaaaaagg agatggaaat gcacacagta ataaaggtag agaaatctgc 180  
 agatatgagc tcctagaatc catttctcta gctttgttaa gcttcctgca aggacatgcc 240  
 caagaggtgg tgctagataa gtccgcgtgt gttggtatct gacattctgg gatctgccac 300  
 tggagatggt cagcccgcga tgaatgccat tgccagcttg gcagcagtggt aactgcaacc 360

tagtggcaag gaccgagagc ttcacattgc agaacatcct tcaggacatc tagttg 416

<210> 711  
 <211> 769  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(770)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (498)...(769)  
 <223> similar to gi2055431 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 711  
 accctgtctc tacaaaaaca ttttttaaaa acttagccag gcatgatgac acacacctat 60  
 agtcctagct attcaggagg ctgaggctag aggatcactt gaggccagga atttgaagtt 120  
 gcagtgaagt atgatcatgc cttgccactg cattccagcc tgagtgaacag agtgcgaccc 180  
 tgtctctaaa aaacaaaagg aaagtgtgtt acctgtagga actgtgaatt cagtgggttt 240  
 tgctgggtgt tctgacccctg tggggccagg atatttcgaa ttaccttgta agtgacttgg 300  
 aatttttcat cagcactaag tcagcccttg attttatttg acatagtatt cggtgtgtgt 360  
 attgctcttg gcagttggtg tcactagggtg tcctaccgta gaagtgtccg gtaccctgaa 420  
 gacacccatg ccactgttgt gtttgatatt gacgccacat atagacagga gtccaccact 480  
 gtgttccatt tcacagggtac gctacgggcc atgacatcac agagcactct gtgctgatcc 540  
 acgagtacta cagccgagag gcccccaacc ccatccacct cactgtggga cacaagtctc 600  
 cagaacgggc cgcatgaggc atcaaagcct tacggtcagc acttttaatg gggagttcct 660  
 ggggagggac ctgggggagt gatgtttcaa ggcttttgaa agtgaattag gggtattagg 720  
 acattgaagg cttnggggtg aactgatcat ggaggactgt tttaggcca 769

<210> 712  
 <211> 797  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(798)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (27)...(800)

<223> similar to gi4558641 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 712

```
ctcactcact cctgcttggc acgaggggtcc gagatgcttc tagcaagatc cagggcgagt      60
acacgctgac cctcaggaaa ggcgggaaca ataagctgag caggggtcttc caccgagatg     120
ggcactatgg cttctcagag ccactcacct tctgctccgt tgtggacctc atcaatcact     180
accgccaaga gtctctggcc cagtacaatg ccaagctgga cacacggctc ctctaccctg     240
tgtccaaata ccagcaggtc cgtgctggcc tgggagccag ggagggtagc acctggctgg     300
ccccaggcct cagtttccta ggtagacccg accaggctat gcatctcccc tcattccgcc     360
acgtatctcc aggaccagat tgtcaaggag gacagcgtgg aggcagtggg cgcccagctt     420
aaggtctatc accagcagta ccaggacaag agccgcgagt atgaccagct ttatgaagag     480
tacacacgga cctcccagga gctgcagatg aagcgtactg caattgaggc cttcaatgag     540
actatcaaga tctttgaaga gcagggccag actcaagaga aatgcagcaa ggaataacctg     600
gagcgcttcc ggcgtgaggg caaccgacga aagagatgca aaggatcctg ctgaactccg     660
agcggctcaa gtcccgcatc gcccgagatc catgagagcc ngcaccgaag ctgggagcag     720
cagctgctgg tgcccagggc ttcggacaac aagagagatt cgacaagccg cattgaacaa     780
gcctcaagcc ggacctc                                     797
```

<210> 713

<211> 411

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (23)...(411)

<223> similar to gil542813 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 713

```
tacgcctcgc ttggcacgag ggggtggcgac cctgccccag gctgtggggc ccctgcagct      60
gttggcagcc gggccaggca gccctgtgaa ggtggcagct gcagcaggcc ctgccaatgt     120
gcacctcatc aactccgggg tgggcgtgac tgccctgcag ctgccttcgg ccactgcccc     180
aggtaccccc atctccctcc ctacggccta ggtgagagcc ggggaggggt gcagtcatct     240
cggagaggga ggggctgtcc ctgggctcct ggagggcata tcatccctgg caagtcccag     300
tgccccaagg cccaccacaa ggctccctcc gcccgccctc cagctgcaca gactccactt     360
ctctctggct tggcctgctc tcctggctct cacctgcgct cggtccctct t               411
```

<210> 714

<211> 1390

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (210)...(1347)  
 <223> similar to gil77179 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 714

tttttttttt	ttgtgggaga	tgtttttattg	gcttttcactt	tcctcaggga	gccagcggct	60
ccccagcag	gtccccacg	tggagccgag	tgagctggga	gggatgggtg	cttacttcgt	120
ttcaaagaga	tctacatata	tacagagagg	atggagacca	gaaaggaatt	gggaaatgga	180
atcatgagg	ctggggccctc	atccccaccc	caccagccc	acccccctaa	cccaacgcat	240
cagaaacaga	cttcacagga	tgcacagagg	gaagccagag	gtgtggggcg	ggccccggg	300
gccggggctg	cgagggacct	caagggcgaa	tgccactggc	ctgtccaaac	caggcaggag	360
agaaagtaag	aggaggaaaa	caattgagaa	cataacgatt	gtgtcttcgt	cagccgttcc	420
ccccgacgcc	tyctggaaaa	cggttwtttc	gtttttgagt	aagggcaaga	agtgtcctgc	480
tcaagccacc	cctccgctca	gggaaggcca	ctgcccggcv	aagccttgtc	tttgagggcg	540
gtgccttccc	tgggcagaga	ggggctgccc	cggccctggg	gctccatggc	agggcacaaa	600
aggagaggca	gagccccaga	gagggaaagg	ggctcctggg	gccaggctgc	tgagaggaaa	660
taattgcctc	tttctgggtg	aggaagagct	gccttcctga	tggctggtgt	cctgggatgt	720
ggggcatttc	tctgggtag	ccattgacgt	catttcctta	gcagcaggag	agcgggtgag	780
aattcccagg	agacctcagc	ctgggtgggc	gcttggtgga	aagtgggctc	agatgaggtc	840
ttcagatggc	agcagtaggc	tctggctgct	tggggctccac	caggagctgg	gccaggcctc	900
ctgggtcctg	ctgagaagca	ggtaggggag	gtgacctgca	gctctgtctc	ccttggggat	960
ctcagttcct	gttgagactc	acagcctgaa	gacctctgtc	ctcagggtct	ctcctcatca	1020
cacaagatgg	ggagactgag	gccaggggt	gggaagggcc	agccaagtct	catggggaac	1080
tcgggggttt	tcaaccctg	ggccatggct	ctgcccaccc	tgacgagccc	cgggctgcct	1140
ccgttcactg	ccgcttgctg	gccctgtttc	tggctgagca	ctgggtctat	acatttccgc	1200
gttgctctc	ccacggcagg	gggactgcca	catggcctct	ccctctcccc	gtgctcctc	1260
ctgccaccaa	aaagctggtc	agggcgaggc	atcccaagg	ccctgatgcc	cctgaaagtc	1320
tcccttctag	ggggcagccg	gtccatcttc	agggagctca	gcacgtgtct	cagcctaggc	1380
agacgcttgg						1390

<210> 715  
 <211> 956  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (28)...(944)  
 <223> similar to gil032389 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 715

cctcaaagg	ccccactgca	ggattttggc	tcctcaaagg	tcgtgaaccc	gaaaggctca	60
tccccgggg	cttagtcaaa	gcccccaatg	gggagggggc	cccacaagaa	aggctggagg	120



ggcccttttag	ggggtggggtt	tcccctgaaa	agcccgcctc	tcccccaaag	gaaattttcc	180
cctaaataaaa	aaaaacagcc	ctgggcgcca	aaacgcccac	cttgggtgtca	aggggttattt	240
ggggggggggg	gaaaaagggg	ccttttttttg	gtttttttttt	tgagccccc	aaaaaaaaaag	300
aaagggaaaag	gggtcttacc	ccaggcaagc	ggccaccccc	ggcaggagg	tcccccgga	360
ggagcgtccc	agccactccg	cagtcactcc	tgaccagaa	aagaacaacc	acagctgggc	420
ccagcacc	gggccactcc	ctgcagctgc	ccacacatct	ggcagctggg	tccacttatg	480
caatgtggat	cgggcttctt	acatctgaaa	tctgcgtctc	tatccctcct	ctgagaccag	540
tgtctcctgc	cagcttccat	ggccccggga	tgacctcact	ctcccagggt	ctccctgcgt	600
cctgggagct	ctggccgagg	agcagcagg	gctgatggca	gagcgggggc	aggtcagagc	660
tcagcagatg	gggtcctgaa	tacacggggg	atgtgggagg	ggccaggggg	ctggggatgc	720
ccaggatttg	gcacgggggt	ctctgtgtcc	caccactcc	tggcacaaaa	gccccagcct	780
caggacc	gtcacaggca	cccgggggtg	ggggtgacca	gcagcagttc	agaggcaggt	840
gtgggcaatg	tgggctgag	tctcctcccc	actcacgtca	ctgcccgcgg	ggacacagcg	900
gcatttctgg	ggcactcggc	atgccgggtt	cgctcgttcc	acgcgaggcg	tattga	956

<210> 716  
 <211> 1505  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (13)...(1505)  
 <223> similar to gil032389 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 716						
atcatcatta	ctccttgctt	ggcacgaggc	cagaaggagg	gaattctgct	gcggcgactt	60
gactttccag	gcccggagca	gaaaggcatt	ggcatttgta	ggcggtgacc	cgcccccttct	120
ctggccttgc	caagagtcac	atccctgccc	aggggcacct	ctggcccttg	aacttgccctg	180
ggcagaggca	gcgtgaagg	cctgaacaag	aggagaagaa	gggccttcct	agtagaggca	240
cagcatggac	aaaggctcac	aggggtgggg	gtgcccagtg	atcgagtcct	ggcttgggaa	300
ggaaggtctg	agttccctag	gaactgaaat	ctgctagcag	cactgtgaga	gaggtgtatt	360
tccccctcct	aatgacagag	gaaactgagg	cttcaggagg	gggtggattt	gcccttgaca	420
tgagatagg	aggaggagga	actgcgtgtg	cccctggggc	tgagggcccc	cacaccctc	480
cccagtcctc	ttcaagacct	ggcatggtgg	gaggaggagg	ggggaagtgg	agaggggagc	540
atagggtccc	tggggcacca	agggagagag	ggggccagg	gtagggaatc	taggaatgtc	600
gctttccttg	gagcagtacg	gaaagtcaca	gggaagatca	ggaggatgga	cagctgagat	660
gggagacagg	agagatgagc	cccaggaccc	ctggggagcc	aagctgtccc	ccacatccta	720
gcctctcacc	ccacctggag	cttcaccaag	ggctcctcag	cagtgaagtg	gcacaagcct	780
cccagtttgg	tgggcaagtg	ggggtgatct	tgggtgtgtg	gctcctggag	acacgacata	840
accaggagg	tgaagggata	aacctggggt	gggctggggc	tgaaacccat	ggcatgacct	900
caattctctc	tcctcaagct	cgacccccca	tccccaggat	cacacaggag	aatctcatcc	960
tcacggcttg	gattgctcct	ggggggcccc	tgggtgtgctg	ctaactgggtg	tacaatgctc	1020
aggagcagcc	cagaggggag	ccgggaagg	accctcgccc	ttaccatcta	tccccatttc	1080
cgcattctct	gcactggtag	cccgggcgcc	acgttctcag	ttcctgggac	tgaaaactgc	1140
agcagtctgg	ccagctccag	ggacagagag	gcccagccac	ctactatgta	ccctcctcag	1200
ctgcccactg	gactcaggtc	ctgaatgaag	ctgtccgcct	gcctcatgcc	aaaagcggtc	1260
ggacagtggc	tgctcatga	cccttgagct	ctcccacatc	cagggcctga	tgacatgccc	1320
ccttgtccca	agtttcttgg	gaaccctga	ccctgctggc	ccctctcata	caccccaacc	1380

ctatccaccc tggaccacct ctgggggtct gtcagcctgc tggcccccc aacagatctt 1440  
 tgggggcagc ctctatggga caagagtgc acagggctgg agaaaaggag tgaggagccc 1500  
 tcttg 1505

<210> 717  
 <211> 705  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (59)...(691)  
 <223> similar to gi2981631 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 717  
 tcttacgaat tgcgccagag atgagaccag gagtggccac atgttaggca caatagggttt 60  
 taagccaaga atgggttatga gagacaaggg aattctatac tgataaaaag tttaatccaa 120  
 caagaaaata taataattta aaacatatgt gcctaacaac agagcatcaa aacatatgaa 180  
 gtaaaaaagg atagaattaa aggagaaat agagtttcag gatgatcatt ggagacctca 240  
 ctacctcaat gttaataata cagagaccag atcaatagga aagagagcac ttgaacaaca 300  
 tgataatcca attagatcta atggtcatat gcagacacca acccaacaac agcaaaatac 360  
 acattctttt caagagcgtg tgggatattg tccagagtat acagtgtatt aggctgcaa 420  
 acaagtatta atgttttaaa agattgaaag tatccaaagt gctaagtatt ttataatcgt 480  
 catggaatga aactagacat cagtaaccag caaaactcga aaactcacia atatatggaa 540  
 agtaaacaca ctcttaaaaca atcactgggt gaagatgaaa tcatacagga aattagaaaa 600  
 cactttgaga tgaataaaaa tgaaaacaca acataccaga atttatggga tgcagttaaa 660  
 gcagtgtca gagggaaatg tatagctgta agcatctacc tttaa 705

<210> 718  
 <211> 627  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (14)...(488)  
 <223> similar to gi487785 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 718  
 cgaattcggc acgaggttgc acagaggaga ggcgcctaa gaatgtaagc attgtgggaa 60  
 agcattcata tctgccaaga tcgtttgaat acatgcaaaa cacacactgg agagaaacct 120

```

atgaatgtaa ggaatgcaaa caagcattca attatTTTTtC ttccttgcat atacatgaaa 180
ggactcatac gagagagaat ccgtatgaat gtaaggattg tgggaaagca ttcagcttgc 240
ttaattgctt tcatagacat gtaaagacac accagaagga aaccctatga atgtaagcaa 300
tgtggcaaaa gctttcactt cttccagttc ttttcaatat catgaaagga ctcaactggt 360
ggagaaaccg tatcaatgta agcaatgtgg gaaagccgtc agatcagcct caagacttca 420
aatgcatgga agcactcaca cttggcagaa actctatgaa tgtaagcagt atgggaaagc 480
cttcagatcg gctaggattc tttgaataca aataatgaat gtaaacaatt aactgtttat 540
aataactgta tactaacaaa tgttattctt tttaaataat taagaagcta taataaaaata 600
tccattggtg tcatgtatta gatccaa 627

```

```

<210> 719
<211> 716
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (194)...(620)
<223> similar to gi4972116 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 719
tggcaacaga gcgagactcc atctcaaaat aaataataaa ataaaatggt ttcctcctgt 60
tttcagtaga gatggagatg aatccatccc ttttttcccta tagtaattcc atccattctg 120
tcaggaggaa taggtattgg aagcctgttg agcatccagg ggatcaaggg gtgttagaca 180
agtggattct tatctttctc ccttctgttc tttctcctta ggaccagctt tatccaggga 240
ctctaccatt cccacccctt tggcccccact ccacgcacaac cacttcccca tcttctcctc 300
tattctgggtc tccccctgcc ccacgccttc ccacccagcg tcttccccag gttccccccac 360
tacctctccc tcagatccag gccctcagct cagcatgggt ggttctccct ccaggaaagg 420
gggaggaggg accaggacct gagttgcata gcggctgcct ggatgggctt agaagccttt 480
ttgagggacc tccctgcccc tatcctgggg cttggatacc tttccaagtc cctggaactg 540
cccacccttc ccctgccacc ccgtcaggag atcctagtat ggaggaacat ctgtctgtca 600
tgtatgagag actgagacaa gagcttccca agctcttact tcagtccac gactacagtc 660
tgtattcctt ggatgtggaa ttcacgaat gagagcctta acatacgtac caaggg 716

```

```

<210> 720
<211> 1139
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (4)...(1137)
<223> similar to gi2065210 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 720

gggaaatctt	cccagtgggc	agaacttcaa	gcagtgtacc	tggttgtgca	ctttgagtgg	60
aaggagaaat	gaccagatgt	gtgattgtat	tcagattcac	gggctgtagc	cagtggcttg	120
gctggatggt	ccgggacttg	gaagaagcat	gattggaaaa	ttggtgatga	agaaatttgg	180
ggaacaggta	tgtggatgga	cctctttaag	tggtaaaaa	ctgtgaagat	atttgcattct	240
cacgtgagt	ctcaccaacg	ggtgatccca	gcagaggagg	attttaataa	tcaagtggat	300
aggatgaccc	gttctgtgga	caccttcagc	ctctttcccc	agccacttct	gtcatcatgc	360
aatgcgctg	tgaacaaaat	ggccatagt	gcagggatgg	agtttatgca	tgggctcagc	420
aacatggact	tccactcacc	aaggctgacc	tggctacggc	cactgctgag	tgcccagttt	480
gtcaagcagc	agagactaac	accaagccct	tcgatattgg	gcaccattcc	ttggtgtgat	540
cagccagcta	cctggtggca	ggttgattat	attggacttc	ttccatcatg	gaaacggcag	600
tggtttgtcc	tacttggaat	agacacttac	tccggatatg	ggtttgccta	tcctgcacga	660
aatgcttctg	ccaagactac	catccgtgga	gtctcggaat	gccttatcca	ccatcatggt	720
attccacaca	gcactgcctc	tgaccaaggc	actcacttta	cagctaaaga	ggtgtggcag	780
tgggcttatg	ctcatggaat	tactggtct	taccatgttc	tccatcatcc	tgaagaggct	840
gcaaagaacg	gtggaatggc	cttttgaagt	cacaattaca	atgccaaacta	ggtgacaaca	900
ctttgcaggg	ctgaggcaaa	gttctccagc	agggcgata	tgttctgaat	tagcatccaa	960
tatacggtac	tgtttctccc	atagccagga	ttcacggtcc	aggaatcaag	gggtgaaact	1020
gaactgacac	cactcaccat	caccctagt	gatcccctag	caaaattttt	gcttcctggt	1080
ccccgacat	tacattctgc	tggcctggag	atcttagttc	cagagggaga	aatacga	1139

<210> 721

<211> 1112

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (69)...(960)

<223> similar to gi5305335 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 721

cccgatggcc	gtaaagcatg	gggtgggggg	gtgcctgcct	gcattgcagc	tgtcagagct	60
gcacagagcc	tgcgacaccc	agccatggct	tctgcccacc	aggccacgtc	cctccgctcc	120
tctgaatcct	tccagttctt	cttaggccac	ttaaagccca	ccgtctccac	gaagtcctgt	180
cggatcaccc	tcataggaag	tgacaaacca	cgttttgaac	ccctctcccc	accagcaag	240
cccctagccc	gcgagcatag	gatttccttt	ctagaacacg	tgttctgtga	agggccagag	300
gcaatatttg	aggcctcggt	ggccacatgc	tgtccctggt	gcataccctt	tttttgttt	360
ggtttggtaa	actgcttaag	ctggcagaac	aacagaaccc	gcacattctc	cacgcagccc	420
agcgcccttg	gccatgcagg	gctgtgcctt	ctgccagctc	tggaggccca	ggggctggca	480
tgggcctccc	gtcctgagcc	ccccatgtac	attgcaccca	tactgggaac	gccccagga	540
tctgctgcga	gacccccaa	gaccagcttc	tgcagtcctg	gaagggtctt	cctgaccccc	600
aagtccgcca	tcttctgatg	gtggcaggtg	ggcacagtca	ctggctgagc	gaccaagggt	660
cagtgcagatt	actaggccgg	cgctgcaccc	aactgaaatg	aactcacgtg	tcctcacaac	720
tcctagcagc	agatgctgtc	ggcctcgcat	cctacaggaa	aggaaccatc	gcaaaaagac	780
gctgaggaac	atcccagagg	tcacaggagc	agtgcagagc	caggaccagc	ccggcccatg	840

```

gtcccccagc gtgcaccacc tggcccggca ctgtgtgctc agccatgagg actgggaaga 900
gtcctgcca cagctcaagt gtctacaccg cactgccatc caggctgtga gccgctgctg 960
agcatgggga atgtggctgc tgcagagacg ttatgaaaca cttctaaaag aatgtaaaag 1020
atctcattaa taattttgag tacctgttaa aatgatagta attttggatc tagtagatta 1080
aataaaacat attattaaac ttaaaaaaaaa aa 1112

```

```

<210> 722
<211> 881
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (10)...(681)
<223> similar to gi537432 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 722
gcggatgtcc ccgggggcaca gcgagcgggt cctggtgacg gcccagagcc ccgggacccc 60
ctggactgtt gggcctgcgc tgttcttgta acagcccaga atctgctggg ggctgccttc 120
aatcttctcc tgctggtgct ggtgctaggg accatcttgc taccgctgt caccatgctg 180
ggcttcggct tcctctgcca ctctcagttc ctgcgctccc aggaccccc ttgcaccgcg 240
cacctgcggg accccggttt cacggcccta ctggtcaccg gattcctgct cctcgtgccg 300
ctgctcgtgc ttgctctggc cagctaccgc cgcctctgcc tgcgcctccg cctagccgat 360
tgctcgtgc cctacagccg agccctttat cggcgtcggc gcgccccgca gccgcggcaa 420
atccgggcct caccagggtc ccaggccgtt cccacatcag gaaaggctct ggtctaata 480
ccctcgagtc aagaacaacc ctgacgggct gccctcccct cttaattcgg cccaaggac 540
ttgaagcccg gcatcttccc gacctgccc tgccccccac ccctgcctga gcggagtcct 600
agcatcccct tgggagcagc agcgtcagtg gacccacgtg ctgagaaaag cccccacat 660
cccgaaaaac ccactttcct ttcacgabcc cacatctcaa tcctgaacat ctaggctgga 720
acctgcacac kctccccctc agctccgtcg tgaatgggac aacaatctcg tgccctcgtt 780
ttatggtgca gcttctctag tatttctggg gctggggggc ggggctggag gggaaggagt 840
gtccacgcat caataaagat ttaacgaact gaacgcgcaa a 881

```

```

<210> 723
<211> 512
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (264)...(514)
<223> similar to gi5578958 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 723
ccttaccctc catgatgtgt ccctgtgtgt gtgtctacag acagggaaat aggggtgaag      60
atgaaaagtt gaagcagtga tacagcctgg tcagaagttg ttgtttgtgt ccgtgtggaa     120
catgcctggg gaagtaggaa aagagcaaag agggacaaaa atgtctgtag ttgtatactt     180
gtatatgtaa gcacatagag ggggagaagg accataaaga atgtgtggtg aagcactctg     240
gtggagaggg gctcatgaga agtgataccg agagcagtga agctggagat cctgagagag     300
cccacctgtg ctaagtgggg tgggtggatg gacaggggtga gcaggcctgt gcaccagtcg     360
gagaaccagc tcatcagccc agtcttgcca cttccctttg cccacagaag acgtgcgatg     420
ggacacatta tccctatgcc gaatgccatg tcagaccgag gaccacagcag agctcatgct     480
ggagaattat gacacatgt atcttttga cc                                     512

```

```

<210> 724
<211> 402
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (150)...(402)
<223> similar to gi804810 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 724
cccagaatct aatcaatgcc acgtccacat gaattcccaa ggcacatcac ctgaatctct      60
ctagtgtgtc tcgtatataca ctgacttacc cgttcctatt tacaacttat ggcccttgct     120
gaattatttg cattttaaag tagtgactag tcctagccac agcaccacaga caagagaaaag     180
aaaaaaaggc atccaaattg attaagagga agtcaaactt gctgttcgcc gatgatataa     240
tcatatacct agaaagccct aaagacttac ccaaaaagcc cctagatctg acaaataaat     300
tcagtaaagt ttcaagatac aaaattaatg tacacaaatc agtagcattg ctatatacca     360
ccatcgggcta agctgagaat caaatcaaga actcaacctc tt                                     402

```

```

<210> 725
<211> 374
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(355)
<223> similar to gi2981631 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```



<222> (39)...(333)  
 <223> similar to gi3282747 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 727  
 gaggaaaagg cacaggctaa cctctcccct tctccagtat ctcagattca gctgggcagc 60  
 tggcagtcac agaggtagca acaaggcctc tgggccagga cttactgaac catgatgtaa 120  
 gtagagtttg ggtggactta gcttggggta gccagacatg cttcagaagc agaccctgtg 180  
 caaaatcttc cttctggtct tgagcaacca tacctatctc tggctgcttt aggactgcta 240  
 catcctggac caaagtggaa ccaaaatcta cgtgtggaaa ggaaaaggag ccacaaaggc 300  
 tgaaaaacag gcagccatgt ctaaagcgct ggtaggagct acagatgtgc aatactgttc 360  
 aaataattct gctaagagca cttcaggtgt gtcactccac agagccatgc taggtatttg 420  
 agcatataac attgtgctta cgtacacgga ctgc 454

<210> 728  
 <211> 358  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(361)  
 <223> similar to gi2065210 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 728  
 ttggagggct ggggcaaaat tctccagaag gccttgatat ctgctgaatc aacattcagt 60  
 atatgttact ttctcccatt gccaggattc aaggttcctg aaatcaaggg gtggaagtga 120  
 aagtggcaca actcaacatc acccttagtg atccactagc aaaaattttg cttcctcttc 180  
 ctgcaacatt acgttctgct ggcctagagg tcttggttcc aaaggaggga atgctgccac 240  
 caggagacac aacaatgatt ccattaaact ggaagttaag tttgccacct ggacactttg 300  
 agctcctcct acctttaagt caaaaggcta agaagggact tatagtgttg gctggagg 358

<210> 729  
 <211> 718  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (12)...(703)  
 <223> similar to gi915208 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



```

<400> 729
cagctgtggt gtcctctaca ccatctgtgg tcatgtgaac agtagcaciaa ggtgtatcta    60
catcagcaat caaaatggca tcaaccagac ttccttcccc caaaagctta gtgagtggcc    120
caactcagat tcttgacacag ttccctaaac aacatcaaca gtctcctaag cagcagttat    180
atcaagtgca acagcagaca cagcaacaag tggcccagcc ttctccagta tctcatcagc    240
aacagcctca gcagtctcct ttgccacctg gtattaaacc taccatccaa atcaaaccagg    300
agtcagggtg taaaatcatc acacaacagg ttcaaccaag taaaatctta cccaaaccag    360
tgacagcaac tctaccacc agtagcaatt cccctattat ggtgggttagc agtaatggtg    420
caattatgac aactaaactg gtaaccactc ctactggcac acaagcaacc tatacccggc    480
caacagttag cccatccatt ggtcggatgg ctgcaacccc tggagctgca acctatgtga    540
aaactacgag tggtagcatc attacagtag taccctaaatc attagctacc ttgggggggca    600
agataattag cagtaataata gtttctggaa cgactaccaa aatcactaca atcccaatga    660
cttccaagcc caacgtgatt gttgtacaaa agactacagg aaaaggaacg accattca    718

```

```

<210> 730
<211> 335
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(251)
<223> similar to gi7042 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 730
tcaacaccca ctggtgtaag gtcataacgc attggtgtca ggtcatcacg cactggtgcc    60
agggtcatcg gcactggtgt cagggtcattg cgcgctggtg tcagggtcatg atgcactggt    120
gtcagggtcat caagcactgg tgccagggtca tcacacactg gtgtcagggtc atcacgcact    180
ggttccagggt catcacgcac aggtcttcac aactggtgac cagggtcatca cacactggtg    240
ccagggtcatg cactcagggt tgggcgggat gggggcagca ctcccttttg agtccagggtg    300
gcctggctct ggaattcatg ctctaaaatc ccaag                                335

```

```

<210> 731
<211> 457
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (42)...(305)
<223> similar to gi3170252 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

```
<400> 731
gtatctattg tccgtcgtcg tacaacgtgc gagactggca aaaacctggc gataggcatc 60
atatgcggat tgaactgtag actcacctgg ggactcacct ggggactcac ctggtgactc 120
acatggggac ccacctgggg actcacctgg ggaccacctg gggactcacc tggggactca 180
cctggtgact cacctgggga cccacctggg gatccacctg gggacccacc tggggactca 240
cctggggacc ctcttggaac ctcacctgtg ggtgcagggg cttcactggc tccagcacct 300
cctgtctcag gggcggaggg ggcctgtctg tccgcttctg ggatttcac tccactgtca 360
aaatcgaact gttctccctc ttcctcttca ttattattgg tatcatattt catttcattt 420
tctaaaaaga aaagccaaac ccacatcaag gagagat 457
```

```
<210> 732
<211> 489
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(478)
<223> similar to gil786219 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 732
ccgcctttga ggggttaatt ccggtggttc acccgacggc gtttgtccat ccagtgccg 60
tcttgattgg cgatgtgatt gtgggagccg gtgtctacat cggccactc gcctcactgc 120
gtggtgacta cgggcggttg atcgtgcaag cgggagccaa tattcaggat ggctgcatta 180
tgcattggct ctgcgacact gacactatcg ttggggaaaa cggccatata gggcacggag 240
cgatcctgca tgggtgtttg attggtcgcg atgcattggt cgggatgaac agcgtgatta 300
tggatggcgc ggtcattggc gaagagagca ttgttgccgc catgagcttt gtcaaagcgg 360
gctttcgccg cgagaaacgc cagttgttga tgggtacgcc agcccgcgct gtacgcaatg 420
ttagtcaagg cgagtaactt gtggtaacgg cagggtttta ccagtcataa ggatctccgg 480
gtacggaca 489
```

```
<210> 733
<211> 480
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(481)
<223> n = a,t,c or g
```

<220>  
 <221> misc\_feature  
 <222> (6)...(483)  
 <223> similar to gi2072964 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 733  
 gatctgccag agcaattaga caagggaaaa agagtggagg actcagatga aaggaagaag 60  
 taaagttgca tttgcatatg atatcctctt gtatgtagaa tattctgagg aattcacagc 120  
 aaaactacta gactaataaaa cagggttgagc aagggttacag ggcacaagat cggatatcaa 180  
 aaatcaatta aatttctata cactagcagc aaacaacctg aaaatgagac aagaaaacaa 240  
 cttcatttat aatgctgtca gaaagaaaaa tacttggaga aatttttaata caaaaagtgc 300  
 aagatttata ctctaaaaac tacaagacat cattcagaga aattaaagaa tacctaaata 360  
 aatgggaagg cctcctatgt tcatagattg gaagatgtac tattgttnnn nnnnnnncag 420  
 tccccaattg gatttgcaga ttcaacataa tccctattta aatttttgct gccttttttt 480

<210> 734  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (244)...(291)  
 <223> similar to gi4206763 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 734  
 tatgtagggg ccacaccagt gaccagacac ctcccaccac aacaatgacc agacacctcc 60  
 caccacacca gtgaccacac acctcccacc acaccagtga ccacacacct cccaccacac 120  
 cggtgaccag acacctccca ccacaccggt gaccagacac ctccctaccac aatgaccaga 180  
 cacctcccac cacaccagtg acccagacac ctcccattcac accagtgacc cagacgcctc 240  
 ccaccacacc agtgaccaga cacctcccac taggccggca ccaacactgg c 291

<210> 735  
 <211> 888  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (39)...(788)

<223> similar to gi5921144 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 735

tcttacagac	tggaacctac	ctttggcttt	tatgaaaaag	aggctctgtg	agaaaattga	60
aggctccaaa	tccttagctc	agagctggag	gatgaaggat	cggatgaaca	cagtcagtgt	120
tgcccttagtt	ttgtgcctga	atgttggtgt	ggaccctccc	gatgtggtga	agaccacgcc	180
ctgtgcacgc	ttggaatgct	ggatcgatcc	tctgtcgatg	ggtcctcaga	aagctctggg	240
aaccatcggg	gcaaatttac	agaagcagta	cgagaactgg	cagccaaggg	cccgggtacaa	300
gcagagcctt	gacccaactg	tggatgaagt	caagaagctc	tgcacgtcct	tacgtcgcaa	360
cgccaaggag	gagcagagtcc	tctttcacta	caatggccac	ggggtgcccc	ggcccacagt	420
caacggggag	gtctgggtct	tcaacaagaa	ctacacgcag	tacatccctc	tgtccatata	480
tgacctgcag	acgtggatgg	gcagcccgtc	gatcttcgtc	tacgactgct	ccaatgctgg	540
cttgatcgtc	aagtccttca	agcagttcgc	actacacgcg	gagcaggagc	tggaggtagc	600
tgcaatcaac	ccaaatcacc	ctcttgctca	gatgcctttg	cctccgtcga	tgaaaaactg	660
catccagctg	gcagcctgcg	aggccaccga	gctgctgccc	atgatccccg	acctcccggc	720
tgacctattc	acctcctgcc	tcaccacccc	catcaagatc	gccctgcgct	ggttttgcac	780
gcagaaatgt	gtcagtcctg	tgccctggcg	cacactggat	ttgatagaaa	agtaagtagg	840
atttttaagc	tcttggggct	ctctggatct	gatgagtttc	ttttcctt		888

<210> 736

<211> 1207

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (581)...(1118)

<223> similar to gi5123896 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 736

cccacgcgtc	cgctcaaaaca	tggccgccac	ggcgcctctg	gaaggggaacc	gctctggggc	60
ccgcctttga	tctcgttggg	ggggctgggg	gatgagagct	gcaccgcgcg	ggacaagtcg	120
ccggcggcgc	ccgacggagc	agaagagaga	gcatggagct	ggagaggatc	gtcagtgagc	180
cctcctttgc	ctttgtccag	acacacctcc	cggaggccga	cctcagtggc	ttggatgagg	240
tcatcttctc	ctatgtgctt	ggggtcctgg	aggacctggg	cccctcgggc	ccatcagagg	300
agaacttcga	tatggaggct	ttcactgaga	tgatggaggc	ctatgtgcct	ggcttcgccc	360
acatccccag	gggcacaata	ggggacatga	tgcagaagct	ctcagggcag	ctgagcgatg	420
ccaggaacaa	agagaacctg	caaccgcaga	gctctggtgt	ccaaggtcag	gtgcccatct	480
cccagagacc	cctgcagcgg	cccgaaatgc	tcaaagaaga	gactaggctc	tcggctgctg	540
ctgctgcaga	caccaagat	gaggcaactg	gcgctgagga	ggagcttctg	ccaggggtgg	600
atgtactcct	ggagggtgtt	cctacctgtt	cgggtggagca	ggcccagtg	gtgctggcca	660
aagctcgggg	ggacttgga	gaagctgtgc	agatgctgg	agagggaaag	gaagaggggc	720
ctgcagcctg	ggagggcccc	aaccaggacc	tgcccagacg	cctcagaggc	ccccaaaagg	780
atgagctgaa	gtccttcac	ctgcagaagt	acatgatggt	ggatagcgca	gaggatcaga	840
agattccacc	gcccattggc	cccaaggagg	ccccaagaa	gctgatccga	tacatcgaca	900

001210 "5278460

```

accaggtagt gagcaccaaa ggggagcgat tcaaagatgt gcggaaccct gaggccgagg 960
agatgaaggc cacatacatc aacctcaagc cagccagaaa gtaccgcttc cattgaggca 1020
ctcgccggac tctgcccag ccttctaggc tcagatccca gagggatgca ggagccctat 1080
acccctacac aggggcccc taactcctgt ccccttctc tactcctttg ctccatagt 1140
ttaacctact ctcggagctg cctccatggg cacagtaaag gtggccaag gaaggtgaaa 1200
aaaaaaa 1207

```

```

<210> 737
<211> 524
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (6)...(522)
<223> similar to gi28969 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 737
atttcacac aggtaaagg attgtggcca tcttgagggtg tctccagttt aatgagacgc 60
taactgagct tcggtttcac aatcagaggc acatgttggg tcaccatgct gaaatggaaa 120
tagccaggct tttgaaggca aacaacactc tcctgaagat gggctaccat tttgagcttc 180
cgggtcccag aatggtgggt actaatctgc tcaccaggaa tcaggataaa caaaggcaga 240
aacgacagga agagcaaaaa cagcagcaac tcaaggaaaca gaagaagctg atagccatgt 300
tagagaatgg gttggggctg cccctggga tgtgggagct gttgggagga cccaagccag 360
attccagaat gcaggaattc ttccagccac cgccacctcg gcctcccaac ccccaaatg 420
tcccctttag tcaacgcagt gaaatgatga aaaagccatc gcaggccccg aagtacagga 480
cagaccctga ctccttccgg gtggtgaagc tgaagagaat ccag 524

```

```

<210> 738
<211> 623
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(624)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (68)...(623)
<223> similar to gi2072972 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 738
aaagaaacag aagtctcgaa cagagcaaca atgtataaag tatataataa gattgaatta    60
ctaataaaaac aagctaccaa ccatagaaaag ccctggataa gatgagttca cagccacatt    120
ttatcacata tacaaagata acctgggtatt aattctactg agtgatttcc aaaaatcaag    180
gtggaagtcc ttcctaaatt atttgaaaac attattatct tggtagtaaa acctagtga    240
gacacaacaa aaaaggaaaa ttaccggtca ctattcttgg tgaaaattga aacaaaaaatt    300
catgaagtac tagcaagttg agttcataag caaagcaaaa agttactttg ccacaatcat    360
gtaaacttca ttgtatgaat gcaaagatgt ttcatcatat acaagtaaat aaatgtgatt    420
caccatgtaa agataatttt taaaaaacia ttatcacatg cagaaaaggc attcaagaaa    480
atctaataatt catttataaa aacatttctca acaaactaag cactggagaa atatgcctgn    540
nnnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn    600
nnnntaaggt ctccatcaga ata                                         623

```

```

<210> 739
<211> 408
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (7)...(406)
<223> similar to gi530878 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 739
ttttggccgc agagccttcc tgcaagcctg cttccttcac cttcttttac atcttcatac    60
cttcagaggg caccagcccc accctttgcc aaaaccgctc ctgccaaagg ccccatgacc    120
tgctgctgga gaaacccac ctctatcact acagtcaggt ttctgcctgc aggggtcccca    180
cctcgatcag tgagtctccc ttagctcctc acaaagcccc agcttctgta agaccctttc    240
tctgactccc actcccctcc ctgagatccc atgaccaccc caggtgctgc ccctagagcc    300
aagcctccat cctcgcatca agcctccagc ctgtcactga ccccatttcc cccaacaagt    360
ccttgagctc cagcctgtca catcccagtc cctgcctgtg tccgtgac                    408

```

```

<210> 740
<211> 2219
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (795)...(648)
<223> similar to gi557822 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 740
cgggcggtcg ggccggaacg cagtgttggt ggagagcggg ggcccggtt cgcggcattt 60
cgccctctcc ggcccttccg gaggtccgg gtttgtgccg tgtgcgtgcg gggctcggcg 120
ctggggcgct cggtaggtct cccgcgggga ggagcgggcg ggggccccgt gtttcttcct 180
ccccggcccc ccaccgcgc cgtgtcttat gtcgctgcct tctcttcctg tttttcagct 240
gtcacgaccg gaggggggac tcgcagcctt accaggcact taagtattca tcgaagagtc 300
acccagtag cggatgatcac agacatgaaa agatgcgaga cgccggagat ccttcaccac 360
caaataaaat gttgcggaga tctgatagtc ctgaaaacaa atacagtgc agcacaggtc 420
acagtaaggc caaaaatttg catactcaca gagttagaga gagggatggt gggaccagtt 480
actctccaca agaaaattca cacaaccaca gtgctcttca tagttcaaat ttcacattct 540
ttctaattcc aagcaattaa cccaaggca aaactttcag gattgcacct tatgattctg 600
gcagatgact ggggtctggag catattagct cttctgggga aaagtactac tacaattgtc 660
gaacagaagt ttcacaatgg ggaataacc caaagagtgg cttggaaaga ggacagagac 720
aaaaagaagc aaacaagatg gcagtcaaca gcttcccaa agatagggat tacagaagag 780
aggtgatgca agcaacagcc actagtgggt ttgccagtgg aaaatctaca tcaggagaca 840
aaccggtatc acattcttgc acaactcctt ccacgtcttc tgccctctgga ctgaaccccc 900
catctgcacc tccaacatct gcttcagcgg gtccctgttt ctccgtgttc cacagctcgc 960
caatacctcc cttacttcag gacccaaatc ttcttagaca attgctgtcc tgctttggaa 1020
gccacgctgc agcttaataa ttctaatttg gacataatct ataataaatg aagttcttac 1080
aggagatgtg acacaagcct cactgcagac tataattcat aagtgtctta ctgctggacc 1140
atctgttttc aaaataacgt ctctgatttc tcaagctgct cagctctcta cacaagcccc 1200
ggcatctaata cagtctccga tgtctttaac atctgatgcg tcatcccca ggatcatatg 1260
tttctccaag gaataaggca cacctcaaac ttaacacagt ccctattcaa acctttggat 1320
tcagtactcc tcctgtttca tcacagccaa aggttagtac tccagtagtt aagcaaggac 1380
cagtgtcaca gtcagccaca cagcagcctg taactgctga caagcagcaa ggtcatgaac 1440
ctgtctctcc tcgaagtctt cagcgtcaa gtagccagag aagtccatca cctgggtcca 1500
atcatacttc taatagtagt aatgcatcaa atgcaacagt tgtaccacag aattcttctg 1560
cccgatccac gtgttcatta acgcctgcac tagcagcaca cttcagtga aatctcataa 1620
aacacgttca aggatggcct gcagatcatg cagagaagca ggcataaga ttacgcgaag 1680
aagcgcataa catgggaact attcacatgt ccgaaatttg tactgaatta aaaaatttaa 1740
gatcttttagt ccgagtatgt gaaattcaag caactttgcg agagcaaagg atactatatt 1800
tgagacaaca aattaaggaa cttgaaaagc taaaaaatca gaattccttc atggtgtgaa 1860
gatgtgaata attgcacatg gttttgagaa caggaaactgt aaatctgttg cccaatctta 1920
acatttttga gctgcattta agtagacttt ggaccgttaa gctgggcaaa ggaaatgaca 1980
aggggacggg gtctgtgaga gtcaattcag gggaaagata caagattgat ttgtaaaacc 2040
cttgaaatgt agatttcttg tagatgtatc cttcacgttg taaatatgtt ttgtagagt 2100
aagccatggg aagccatgtg taacagagct tagacatcca aaactaatca atgctgaggt 2160
ggctaaatac ctagcctttt acatgtaaac ctgtctgcaa aattagcttt tttaaaaaa 2219

```

```

<210> 741
<211> 403
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)..(405)
<223> similar to gi4929683 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 741
ccgtgggaaa ctgttacaac agctgcaatg cagaaatatc caagccctgt gaacccgagc    60
gtggtgtggg ttgacgtgtt aaacagacgt atagatccct ccagagagtt gcacagactt    120
ctccgcacag tgggaactgc aaaactctta ctggtgcagc aaaacgcaaa acatatatac    180
tagaatattc tgtagttaat cctgtagaga aaacaatgga acttaaatct actaatatatt    240
cacttacaaa tatgatttca gtagatgaga gatttatata caaaccacat catcgggacc    300
ccccaaaaaa ctattttgac tcaagaagcc ataatcactg aagagaggta gcctcagcag    360
ttaccttgaa ggactgatgg caagaactat accttcaaat gct                          403

```

```

<210> 742
<211> 850
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (31)...(849)
<223> similar to gi3834629 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 742
cgtccgtaga ggcccagaat tcggcacgag gaagaaagca tccttgaaga agtttttagaa    60
gctttaactt cagctggtga agaaaaaaaa attgacagat ttttttgtat tgtggaaggc    120
ctccggcaca attcagttca actgcaagta gcttgatgac agctcatcaa tgccctgggt    180
acatctcctg atgatttggg tttcaggctt cacatcagaa atgaatttat gcgttgtgga    240
ttgaaagaga tattgccaaa tttaaaaatgc attaagaatg atggcctgga tatccaactt    300
aaagtctttg atgagcataa agaagaagat ttgtttgagt tatcccatcg ccttgaagat    360
attagagctg aacttgatga agcatatgat gtttacaaca tgggtgtggag cacagttaaa    420
gaaactagag cagagggata ttttatttct attcttcagc atcttttgct gattcgaaat    480
gattatttta taaggcaaca atacttcaaa ttaattgatg agtgtgtatc ccagattgta    540
ttgcatagag atggaatgga tccagacttc acatatcgaa aaagactaga tttagattta    600
accagtttg tagacatttg catagatcaa gcaaaaactag aagagtttga agagaaaagca    660
tcagaacttt acaagaaatt tgaaaaagag tttaccgacc accaagaaac tcaggctgaa    720
ttgcagaaaa aagaggcaaa gattaatgag cttcaagcag agctacaagc ttttaagtct    780
cagtttggtg ccttgccagc tgattgtaat attccttttg cctccctcta aagaaggtgg    840
aactggccac                                     850

```

```

<210> 743
<211> 775
<212> DNA
<213> Homo sapiens

<220>

```



<221> misc\_feature  
 <222> (26)...(775)  
 <223> similar to gil872200 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 743  
 ctccctgcccc agcctcccaa gtagctgcga ccacaggcac gtgccaccat gcctggctaa 60  
 tttttttttt ctgagacagt gtttctactct tggtgcccag gctgcagtgc aatggcgcgga 120  
 cctcggctca ttgcaacctc tgcctcccag gttcaagcga ttctcctatc tcagccttcc 180  
 aagtagctgg gattacagggc atgagccact atgccccact ttgcccggct aattttgtat 240  
 ttttagtaga gatgggggtt ccccgtgttg gtcagcctgg tctcaaactc ctgacctcag 300  
 gtgatccacc cgacttgacc tgccaaagtg ctgggattac aggcgtgagc cactgcaccc 360  
 gccagccatg tcttttcatg tctccagctc tgggtgcggct gaagggtgtg ggcaggtgga 420  
 cctcagccgg cccatctgcc cagcgaggat gtgaattcct gcctgagtgc ctgtgagtac 480  
 cccacgagaa ggatgggcta cctcttgggt gagacagggt gatgcatcta taacccccga 540  
 ggccggaagg tccccactca aagcccagtg cctccccgtc ccctgggccc acatcccaga 600  
 gtagacggcc ctgccagaca gaggggtgag ggccacagag atgagtgccg gagtccaaat 660  
 cggtgcaact ttaccacgag tgagatctgg ttggccgatg ccactgaatc cgggttagag 720  
 gacgaggaag aggaagacga ggaggaagag gagacggaat ttccttccga gaccc 775

<210> 744  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (18)...(341)  
 <223> similar to gi310200 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 744  
 aatgacgggc cagctgccaa cagcatctcc gtcaggaccc ccaccaaggg ccccaacgac 60  
 caccgggtcg ttcaaaccga cagccgccaa tccagcctcc gccactaggg gcaccactgc 120  
 tgcggtcagt acagaccgct acaaccacaa atgccgcaac cagcaccgct tctaggatca 180  
 gatacacagc cggggaggcc agcaccgccc cccaacacaa ggcaatggcg ggtgctacag 240  
 ccagcgccac cagcagcagt gccgcccgcg cagccactac tccagccccc agcgcgcctg 300  
 ccaccaaagc cagcgaagc atggccgcag tcgccccgcg 340

<210> 745  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (105)...(300)  
 <223> similar to gi5231133 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 745  
 cgctagagga agaagatggc tgaaggcgga gcggtggatc tggacacca gcggtctgac 60  
 atcgcgacgc tgctcaaaac ctagatccgg aaaggggaca cctggtggtt gaacagggta 120  
 tgtttgtaaa gcactgcaaa gtagaagtat atctcacaga attgaagcta tgtgaaaatg 180  
 gaatcatgaa taaagtcgaa actcgaatat ttatcatagc tgacacaata ggtattagtg 240  
 atagaacaga tttatgaaga tggaaacatgg ccaagggggtc cttctactcc taagactgct 300  
 gcagtttgat ggaggcctac tccataccct gttagcctgg ttattaccag tggagg 356

<210> 746  
 <211> 994  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (264)...(995)  
 <223> similar to gi3877428 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 746  
 agagaattca aactactacca aatcagaatc agtcgcaaac ccagccatta ctgaagactc 60  
 ctctgtctgt acttcagcca attgcaccac agacaacatt tgggtgttcag actcagcccc 120  
 agccccagtc actgctgcag gcacagattt cagcagcttc tattacacca ctattgcaga 180  
 ctcaaccaca gcccttatta cagcagcctc agcaaaaagc tgggtttattg cagcctcctg 240  
 ttcgtatagt ttcacagcca caaccggcac gacgattaga tcccccatcc cgattttcag 300  
 gaagaaatga cagaggggat caagtgccta acagaaaaga tgatcgaagt cgtgagagag 360  
 agagagaaag acgtagatcg agagaaagat cacctcagag gaaacgttcc cgggaaagat 420  
 ctccacgaag agagcgagag cgatcacctc ggagagtctg acgtgttggt ccacgttaca 480  
 cagttcagtt ttcaaagttt tcttttagatt gtcccagttg tgacatgatg gaactaaggc 540  
 gccgttatca aaatttgat atacctagtg acttttttga tgctcaattt acatgggtgg 600  
 atgctttccc tttgtcaaga ccatttcagc tgggaaatta ctgcaatttt tatgtaatgc 660  
 acagagaagt agagtcctta gaaaaaata tggccattct tgatccacca gatgctgacc 720  
 acttatacag tgcaaaggta atgctgatgg ctagccctag tatggaagat ttatatcata 780  
 agtcatgtgc tcttgctgag gaccacaaag aacttcgaga tggattccaa catcctgcta 840  
 gacttgtaa gtttttagtg ggcatgaaag gcaaggatga agctatggcc attggaggcc 900  
 actggtctcc ttcggttgat ggaccagacc cagaaaaaga tccctctgtg ttgattaaga 960  
 ctggctattc gttgttgtaa ggctctgaca ggca 994

<210> 747  
 <211> 358  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(358)  
 <223> similar to gi439877 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 747  
 gatgaagtta gacctctacc tcacatcatg tgcaaaaatt aacttgaaat gtatcaaattg 60  
 tctaaaggta agagctaaag ctataaaacc ttcagggaaa ctataggaat aagtcttcaa 120  
 aacttttagat ttggcaatga ttttttagct ataccgcaa aagcaccaat aacaaaagaa 180  
 aaaataaatt ggacttcctt ggaattaaaa aattttgcat caaagtgcac aattcagaac 240  
 ttgaaaagcc aacttacgga gtgggaggaa atatttccaa atcaattatc taaaaactgc 300  
 taatatccaa tacatataaa ggactcttaa aaacaacaaa agacaacca attttttaa 358

<210> 748  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (127)...(401)  
 <223> similar to gi2197069 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 748  
 cttgcgctgt ggactcattc aggccacaga ctgcttttgg tttgactggc ttctacagtg 60  
 tcagacagat agatgcttca cagtgacttt ttggtgaaca accctactag gatacacgtg 120  
 atgttcatgt ccctgtgttc cacgtgccat gcagtgtgga cctctgtgat gtctacctgt 180  
 gccgatgtca ggccggcttt tctgagaggc actgtgacca cctcgtggac gactgcgcct 240  
 cctacccgtg cgcgcacgca ggcacctgcc tcgatgttga taccgacttc tcctgcacct 300  
 gccgcctgg ctacacgggc aggaactgca gggccccgt cagcaggtgc gatacacgca 360  
 ccctgtcaaa atgtggccac ctgtcacgag aggggccacg 400

<210> 749  
 <211> 933

```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(934)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (19)...(556)
<223> similar to gil747519 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 749
ggccgctggt ccggaggtag cggtgccggc cgagggggtc ggggcggctg gggcggtcgg      60
ggccggcgctc ctccgggcca gcggtctcca tcccggggca cgctggacgt agtgtctgtg      120
gacttggtca ccgacagcga tgaggaaatt ctggaggtcg ccaccgctcg cggtgccgcg      180
gacgaggttg aggtggagcc cccggagccc ccggggccgg tcgctgcccg ggataacagc      240
aacagtgaca gcgaagggga ggacaggcgg cccgcaggac ccccgcgga gccggtcagg      300
cgccggcgcc ggctggtgcc tggatccggg ggaggcgccg cctggttccg gtgtactcgg      360
ggaaggttta aaagcagcct tcgccttatc ccagatgatc tatccctcct gaaactctac      420
cctccagggg atgaggaaga ggcagagctg gcagattcga gtggtctcta ccatgagggc      480
tccccatcac caggctctcc ctggaagaca aagctgagga ctaaggataa agaagagaag      540
aaaaagacag agtttctgtg agtgagnccc agggcccttg ggcccctggg agcaggaaag      600
tgagttggag gggtaagcgg aggcaggcag gactcttggg tgactcctga aaggttaaga      660
agaagggata gaaggactgt tgagtttcat gtggggaatg aatcgcttgg ggaaaagagg      720
tggcttacct cgaggggtga cagtgaaccc ttcaggatca cccttgggag tggattctga      780
gaccctagta atgtgagctt aaggtatggg tccaatccag ctccctgtc ctctctgtgc      840
ttctctttct tcatctataa aaccccgttt tatagcctgg gagacatgga gagaccctgt      900
ctctacaaaa aataaaaaaa aattagcctg gca                                933

```

```

<210> 750
<211> 1606
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1601)
<223> similar to gi2370155 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 750
ccagcacatg acgacttcta tctcgtagtg tgcagtgcct gtaaccagggt cgtcaagcca      60
caggttttcc agtcgcactg cgagagaaga cacggttcaa tgtgtagacc ttctccctct      120
ccagtgtctc cagcctccaa tcccaggaca tcactagtac aggtgaaaac aaaagcctgt      180

```

```
ctcagcggcc atcactctgc cagcagcacc tcaaagccat tcaaaacgcc caaagacaat 240
ctacttacct ccagcagcaa acagcacaca gtctttcctg cgaaaggatc aagggataaa 300
ccatgtgttc cagttcctgt agtcagttta gagaaaattc ctaaccctagt gaaggcagat 360
ggtgccaatg tcaaaatgaa ctccacaacc actactgcag tttctgcctc ctccacctcg 420
tcctctgccc tctccacccc tcctttaatt aagcctgtcc tgatgtccaa gtcagtgcc 480
ccttcaccag agaagatctt aaatggcaaa ggaattctgc caaccacat agacaagaga 540
cgccaaaatg gcaccaacag cagcaacaag ccttacagga gactttcaga gagagaat 600
gacccaaata agcactgtgg agtattggat gccgagacaa agaaaccttg cacaagatcc 660
ctcacctgca agacacattc gctaagccat cggagggcag tcccaggccg gaaaaagcaa 720
tttgacctcc tcctggcaga acacaaagca aagtcgccgg aaaaagaagt taaagataaa 780
gagcatctcc tgacttccac gagggaaata cttccaagcc aatccgggcc ggcacaggat 840
tctctgctag ggtcttcagg gagctctggg ccagaaccaa aagttgcatc ccctgcaaaa 900
tccagaccac ccaactctgt acttcctaga ccatcatctg caaatagcat aagcagcagc 960
acatcttcaa atcatagcgg ccacactcca gagccccac tcccaccggt tggaggtgac 1020
ctcgccagcc gactgtccag tgatgaaggg gagatggacg gagccgacga atccgagaag 1080
ctagactgtc agttctccac gcaccacccc agacctatgg cgttttgctc atttgggagt 1140
cgctcatgg gacgagggtg ctatgtgttt gatagaagat gggatcgttt tcgattcgca 1200
ctaaactcca tggtagaaaa acacctgaat tcacagatgt ggaagaagat ccctcctgcg 1260
acagatagcc ccctgccctc gccagcagcc cacatcacca cccccgttcc agcatccggt 1320
ttgcagcctt tcagcaaccc cagtgtctgt tatcttctt cagctcccat cagctcgagg 1380
ctcacctctt cttacataat gacatcagcc atgtctctaa acgcagcttt cgtgacatcg 1440
ccggaccoga gcgcctcat gtcccacacc acagctttcc ctcatgtggc cgcaaccctc 1500
agcatcatgg actcaacctt caaggcccca tccgccgtgt ccccgatacc agccgtcatc 1560
ccttccccat cccacaagcc atccaaaacc aaaaccagct acgaaa 1606
```

<210> 751

<211> 411

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (6)...(411)

<223> similar to gi476332 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 751

```
tgtgtttggc cctggctggc cgggacctgg ccgactacgt ggtgaagatc ctcgaggggc 60
ccgctacagc ttcataacca cagtgaagtg ggggattgtg cgtgacatcc aggaaaagct 120
atgctgtgtt gccttggaact tgcagcagga gatggccact gccgtgtcct cttccttcct 180
ggagaagagc tacaagctct cccacagcct ggtggtcacc atcagcaatg agtggttctg 240
gtgtccagag gcgctgtccc agccctcctt cctgggcacg gaatcttgct gcatccagga 300
gaccatcttg acctccatca tgaagtgtga tgtggatata tgcaaggacc tgtacaccaa 360
tgtggtgctg tctggcacat tgccatgcac ccaagtatca cacacaggat g 411
```

<210> 752

<211> 541  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (9)...(542)  
<223> similar to gi2352427 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 752  
tacaagctgg agataaggac cttgatgggc agctagactt tgaagaattt gtccattatc 60  
tccaagatca tgagaagaag ctgaggctgg tgtttaagag tttggacaaa aagaatgatg 120  
gacgcattga cgcgcaggag atcatgcagt ccctgcggga ctttgggagt caagatatct 180  
gaacagcagg cagaaaaaat tctcaagagc atggataaaa acggcacgat gaccatcgac 240  
tggaacgagt ggagagacta ccacctcctc caccctgtgg aaaacatccc cgagatcatc 300  
ctctactgga agcattccac gatctttgat gtgggtgaga atctaaccgt cccggatgag 360  
ttcacagtgg aggagaggca gacggggatg tgggtggagac acctggtggc aggaggtggg 420  
gcaggggccg tatccagaac ctgcacggcc cccctggaca ggctcaagggt gctcatgcag 480  
gtccatgcct cccgcagcaa caacatgggc atcgttgggtg ccttcactcc catgattcga 540  
g 541

<210> 753  
<211> 1743  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1744)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (1744)...(0)  
<223> similar to gi4803931 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 753  
tttttttttt ttggagttca ttagaccttt tttattattc taccttttct gcatatgttt 60  
gcagttttcc caccgactcc tccataaaca aacattttcc tagaaacca aaatatgtag 120  
tggtcccaaa ggagctcctt aagccaaagt acttggtaca aagagacca tattcctata 180  
aacatgttaa gtttgttcct aagcattcca gacttttaga ataagaactt catttccaac 240  
ttttttatit attaacatgg ggctaaactt ttaagaaaca accctagggtc ttctatttcc 300  
caggagctgg ttcaaagtct taaatgacaa tataacttca ttatgaaaat atactgaaaa 360  
ggtacaaggg gctgatgtaa aaacgggttaa tcaagggttc ccaggcatcc atggggactt 420  
aagggttaacc tgaaagaata acccccagcc caggctgcaa ccagccaggc caggatgtgc 480

```

tggcttnacg tngatgaggt gctaaggccc atcgaatgcc tcagaggaaa gccggattca 540
cggggggatca tctcaaccct gaggaaatcg gttccttggg gggtgatttc ttgccctttt 600
ttttgttttt gtaaggaaga gggttccctt cattccagta actttagttt tcccttaata 660
aatatttttca aaaataaaaac caatcatcat ccaaacaaac agggagccac ttttgtaggg 720
taagggtaaa tcacaggata atgtattggg ataactctgt ttttttaaaa taaaaaagcc 780
ttacatgggtc agggattgat ggagtgggga tgacaaatgc acatttcaga ctttcatcac 840
caatgaaaaa ataaagcatt ttcatagact taaaactgtc attagtgcac tcggcctttt 900
gagaagggat gaaaatgtaa aatacttcta caacaataaa atgttaatag aaatcgtcac 960
gtgctgaggt catttttaggt gagctacat tgtttgttta aatacaagaa aaagtaattt 1020
ccttgggtccc aatttaagtg gaaatccttt aaaaaagatt gccttttaaaa gaaccattat 1080
ttgagggaca atgttttttc cagacacatt cctggatgat attccaaatt cacttccata 1140
acaatccaca gattaaccct ttttaattcca cctttcctta aaaagctgtc agatttccca 1200
tttccttcgg gagacatttt tcacccagtg tgttggtcga tcccacagg ttaagctttc 1260
ttcattatta ttaaggaact tcataccata ttagagagat tgccattcat tgctttcctc 1320
gtcttttttcg gaaaagacac aggccagact ttgcttaggc taaagctgac gtctttaaag 1380
gcatgcaaca agaatatccc ccacaaatga ttgtaaagaa gccacttcaa agtaccaatg 1440
gacatcgta acaggcatat cttgccactc cttaaaaaga atagctgaac aagttaaaac 1500
tgatgttgta aagaatacat aatatattgg agtcacaatg gaagtgttga atatatccag 1560
ggccctattt aggtaattaa tctgtgtgct cacacagacg atgaggctca gcagcagaat 1620
ccaagccagg ggatgccgca gcacaggctt ccctgcaaac agctccttga tagcaatgcc 1680
caggcccttc acacaggaga ctgaaaacgc gccgattaca gagcagattg ttatgtacac 1740
aag 1743

```

```

<210> 754
<211> 670
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(460)
<223> similar to gi2388970 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 754
gctagattct atagatcctg ctttacgaag gcctgggtcgc tttgatagag aattcctctt 60
tagcctgcct gataaagagg ctcgaaaaga gattctaaag attcacacca gggattggaa 120
tcccaaacca ctggacacat ttttagaaga gctagcagaa aactgtgttg gatactgtgg 180
agcagatatt aaatcaatat gtgctgaagc tgctttatgt gctttacgac gacgctaccc 240
acagatctat accactagtg agaaactgca gttggatctc tcttcaatta atatctcagc 300
taaggatttc gaggtagcta tgcaaaagat gataccagcc tcccaaagag ctgtgacatc 360
acctgggcag gcactgtcca ccggttgtga aaccactcct gcaaaacact gttgacaaga 420
ttttagaagc cctgcagaga gtatttccac atgcagaatt cagaacaaat aaaacattag 480
actcagatat ttcttgtcct ctgctagaaa gtgacttggc ttacagtgat gatgatgttc 540
catcagttta tgaaaatgga ctttctcaga aatcttctca taaggcaaaa gacaatttta 600
attttcttca tttgaataga aatgcttggt accaacctat gtcttttcga ccaagaatat 660
tgatagtagg 670

```

<210> 755  
 <211> 323  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (92)...(308)  
 <223> similar to gi2253354 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 755  
 cgaggacaaa ccactcaact acaccaaaaag gtcagaccaa gaccgcgtcg gcacgcccac 60  
 caccggctca gcataagcat cagcaggcag gaccaattac caaacctgga tccgccagac 120  
 tccaggaaact ggggatggag tgggtctcag ctctttaccg cgatggtagg acattctaca 180  
 cagactccgt gaagggcaga ttcaccatct ccagagacga ttccaagaac atggtgtttc 240  
 ttcaaatgaa tagcctgcga gtcgaggaca cggctgtata ttactgtgcg agagatcgtg 300  
 gatatcgtgg tgggtggtaat tgc 323

<210> 756  
 <211> 1362  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (8)...(1362)  
 <223> similar to gi3452473 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 756  
 tttcgtgaaa cttatcaaga aacaccaggc tgctatggag aaagaggcta aagtgatgtc 60  
 caatgaagag aaaaaatttc agcaacatat tcaggcccaa cagaagaaag aactgaatag 120  
 ttttctcgag tcccagaaaa gagagtataa acttcgaaaa gagcagctta aagaggagct 180  
 aaatgaaaac cagagtaccc ccaaaaaaga aaaacaggag tggctttcaa agcagaagga 240  
 gaatatacag catttccaag cagaagaaga agctaacctt cttcgacgtc aaagacaata 300  
 cctagagctg gaatgccgtc gcttcaagag aagaatgtta cttgggcgtc ataacttaga 360  
 gcaggacctt gtcaggagg agttaaacia aagacagact cagaaggact tagagcatgc 420  
 catgctactc cgacagcatg aatctatgca agaactggag ttccgccacc tcaacacaat 480  
 tcagaagatg cgctgtgagt tgatcagatt acagcatcaa actgagctca ctaaccagct 540  
 ggaatataat aagcgaagag aacgagaact aagacgaaag catgtcatgg aagttcgaca 600  
 acagcctaag agtttgaagt ctaaagaact ccaaataaaa aagcagtttc aggatacctg 660  
 caaaatccaa accagacagt acaaagcatt aagaaatcac ctgctggaga ctacacaaaa 720  
 gagtgagcac aaagctgttc tgaacggct caaggaggaa cagacccgga aattagctat 780  
 cttggctgag cagtatgatc acagcattaa tgaaatgctc tccacacaag ccctgcgttt 840



```

ggatgaagca caggaagcag agtgccaggt tttgaagatg cagctgcagc aggaactgga 900
gctgttgaat gcgtatcaga gcaaaatcaa gatgcaagct gaggcacaac atgatcgaga 960
gcttcgcgag cttgaacaga ggggtctccct ccggagggca ctcttagaac aaaagattga 1020
agaagagatg ttggctttgc agaattgagcg cacagaacga atacgaagcc tgttggaacg 1080
tcaagccaga gagattgaag cttttgactc tgaaagcatg agactagggtt ttagtaatat 1140
ggtcctttct aatctctccc ctgaggcatt cagccacagc taccggggag cttctgggtg 1200
gtcacacaac cctactgggg gtccaggacc tactgggggt catcccatgg gtggcccacc 1260
acaagcttgg ggccatccaa tgcaagggtg accccagcca tggggtcacc cttcaaggcc 1320
caatgcaaag ggggtacctcg aggagcagta tgggagtcgg ct 1362

```

```

<210> 757
<211> 569
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (4)...(503)
<223> similar to gill113865 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 757
tatgggaagc cagtttagag aacctggaaa tcgaacctga tggaaatata ctccagctca 60
atcagacact ggaagagtgt gtgcccaggg ttaggagtgt acatcatgtc atagaggaat 120
gtaagcaaga aaaccagtac cttgagggga acacacagct cttggaaaaa gtaaaagcac 180
atgaaattgc ctggttacat ggaacaattc agacacatca agaaaggcca agagtacaga 240
atcaagttat actggaggaa aacactactc tcctaggctt tcaagacaaa cattttcagc 300
atcaggccac catagcagag ttagaactgg agaaaacaaa gttacaggag ctgactagga 360
agttgaagga gagagtcaat attttagtta agcaaaaaga tgtactttct cacggagaaa 420
aggaggaaga gctgaaggca atgatgcatg acttgcagat cacgtgcagt gagatgcagc 480
aaaaagttga acttctgagg taatgtatgt accttctaga cgtcacgaat cccacagagc 540
acctcaccag atctaacttc cactgcttg 569

```

```

<210> 758
<211> 1488
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (407)...(1490)
<223> similar to gi5915896 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 758
aggggggactc ctgaggggatg aagtgggga tccagactcc tagcttccca ccgaggcact    60
aaggggaatca gagtgggtca gcgagtacgg gaagtgtggt ccacgagggc tggttcctga   120
gggagaatcc acaagccccc tcccctcttc agtggatact gaagactccc tcgacgaagg   180
acccgggggcc ctggtatttg agagtgattt gctactaggc caggatctgg agtttgagga   240
ggaagaggaa gaggaggaag gcgacggcaa cagtgaccag ctcatgggct tcgagagaga   300
ctcgaagga gactctctgg gggccaggcc tgggcttccc tatgggctga gcgacgatga   360
gtctgggggc ggccgggcac taagtgcgga gagtgaagtt gaggagccag ccaggggtcc   420
aggggaggcc aggggtgaga ggccaggccc agcctgccag ctgtgtgggg ggccgacagg   480
tgagggggccg tgttgtgggg caggagggcc ggggtggggg cccctgctgc cccacaggct   540
actgtactca tgccgcctct gcaccttcgt gtccactac tcgagccacc tgaagcggca   600
catgcagaca cacagcggag agaagccgtt ccgctgtggc cgctgcccct acgcctcagc   660
ccagctcgtc aacctgacac gacatacccg caccacact ggcgagaagc cctaccgtg   720
tcccactgct ccctttgcct gcagcagcct gggcaacctg aggcggcatc agcgtaccca   780
cgaggggcc cccactcctc cctgcccgc ctgtggcttc cgctgctgta ctccacgacc   840
agcccgccct ccagatccca cagagcagga gggggcggtg ccccggcgac ctgaagatgc   900
tctgctcctt ccagatttga gcctccatgt gccaccagg ggtgccagtt tcctgccaga   960
ctgtgggcag ctgcggggtg aaggggaggg cctctgcggg actggatcag aaccactgcc  1020
agagctgcta ttccttgga cctgccgggg ctgtggacaa gagctggagg agggtgaggg  1080
tagtcggctg ggagctgcca tgttgtggcg ctgcatgcga ggagaggctg gagggggtgc  1140
cagtgggggg cccaggggcc ccagtgacaa aggctttgcc tgtagcctct gccctttgc  1200
cactcactat cccaaccacc tggcccggca catgaagaca cacagtgggt agaagccctt  1260
ccgctgcgcc cgctgtcctt atgcctctgc tcatctggat aacctgaaac ggcaccagcg  1320
cgtccataca ggagagaagc cctacaagtg cccctctgct ctttatgcct gtggcaatct  1380
ggccaacctc aagcgtcatg gtcgcatcca ctctggtgac aaaccttttc ggtgtagcct  1440
ttgcaactac agctgcaacc agagcatgaa cctcatacgt cacatgcc    1488

```

```

<210> 759
<211> 429
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (179)...(419)
<223> similar to gi200549 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 759
gcgcaggccc atcggggcca ctctggagca gacgctgcct catgcccccg ggtctctgct    60
gtgaggagga gggaggggac agacctccat ggcaccacag tgtcctgggg aactgaggcg   120
agtcacagag gctgcagagg aaagtgtgaa cttgtcacag tgggggaagg acgtggtgcc   180
gaggccaggc tgcagggtc cctgtgectc ccagccccgc acctcctccc tctggaccgg   240
ctcccacaag gacatccac ccggtcagca gcccacggag gctcccgtgc agggaccacc   300
ccctccccgt gctggggccg ctccggggcc accccctcct cctgctgcc cccagagctg   360
ctcacctgg ggatcttccc cccatcctct tctggetcac cgtgggctca ggccctgccc   420
gatggctgg

```

<210> 760  
 <211> 519  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (10)...(404)  
 <223> similar to gi5923788 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 760  
 cagggattag atatctgtgc aaatggcagg tgcccagaaa gttggctgtg atggtttatt 60  
 agggctctctt gcaagagaag atcattgtgg tgtatgcaat ggcaatggaa aatcatgcaa 120  
 gatcattaaa ggggatttta atcacaccag aggagcagggt tatgtagaag tgctggtgat 180  
 acctgctgga gcaagaagaa tcaaagttgt ggaggaaaag ccggcacata gctatttagc 240  
 tctccgagat gctggcaaac agtctattaa tagtgactgg aagattgaac actctggagc 300  
 cttcaatttg gctggaaacta ccgttcatta tgtaagacga ggcctctggg agaagatctc 360  
 tgccaaagggt cctactacag cacctttaca tcttctggtg ctccctgtttc aggatcagaa 420  
 ttatggtctt cactatgaat acactatccc atcagaccct cttccagaaa accagagctc 480  
 taaagcacct gagcccctct tcatgtggac acacacaag 519

<210> 761  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(397)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (67)...(375)  
 <223> similar to gi56588 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 761  
 accaacaaga aaatataaaa cttatgcaaa ctataaaccg aatagacttc acatacacag 60  
 ataaaatata caaaagcagc agaatacata ttcttttcaa gcagacatgg aagatctttc 120  
 aggattccat aggctaagtt ataaaaccaa tcttagaaaa tttaaaagga tagaaataac 180  
 aaagcatatt caccaagcag aatgggctga aactagaatt caatgacaga aagaaatttg 240  
 agaaactcgc aaatatattg aaattcaaga acacactgct aaataaccag tgggtaaaag 300

```

aagaaatcac aaagagaatt agaaaatgct ttaagataaa tgaaaataaa tataaaacac 360
accaaaactt aatatgcagc taaaaacagc catacn 396

```

```

<210> 762
<211> 1400
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1401)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (10)...(1152)
<223> similar to gill113865 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 762
gaacgttgta aagtgcagtc ctccacttta gtgtcttctc tggaggcggg gctctctgaa 60
gttaaaatac agaccatat tgtgcaacag gaaaaccacc ttctcaaaga tgaactggag 120
aaaatgaaac agctgcacag atgtcccgat ctctctgact tccagcaaaa aatctctagt 180
gttctaagct acaacgaaaa actgctgaaa gaaaagggaag ctctgagtga ggaattaaat 240
agctgtgtcg ataagttggc aaaatcaagt cttttagagc atagaattgc gacgatgaag 300
caggaacaga aatcctggga acatcagagt gcgagcttaa agtcacagct ggtggcttct 360
caggaaaagg ttcagaatth agaagacacc gtgcagaatg taaacctgca aatgtcccgg 420
atgaaatctg acctacgagt gactcagcag gaaaaggagg ctttaaaaca agaagtgatg 480
tctttacata agcaacttca gaatgctggt ggcaagagct gggccccaga gatagctact 540
catccatcag ggctccataa ccagcagaaa aggctgtcct gggacaagtt ggatcatctg 600
atgaaatnga ggaacagcag ctgctttggc aagagaatga gaggctccag accatggtac 660
agaacaccaa agccgaactc acgcactccc gggagaaggt ccgtcagttg gaatccaatc 720
ttcttcccaa gcaccaaaaa catctaaacc catcaggtac catgaatccc acagagcaag 780
aaaaattgag cttaaagaga gagtgtgatc agtttcagaa agaacaatct cctgctaaca 840
ggaaggctcag tcagatgaat tcccttgaac aagaattaga aacaattcat ttggaaaatg 900
aaggcctgaa aaagaaacaa gtaaaactgg atgagcagct catggagatg cagcacctga 960
ggtccactgc gacgcctagc ccgtcccctc atgcttggga ttgacagctg ctccagcagc 1020
aagcctgtcc gatgggtgcc caggagcagc tttctgcagc ttcaacgcca gctgctgcag 1080
gcagaaagga taaaccagca cctgcaggag gaacttgaaa acaggacctc cgaaaccaac 1140
acaccacagg gaaaccaggg gacaactggg aactgttcat gggagggaac gattgttagg 1200
aagtttgaac agaaattgaa atttgttgaa aaggtttttt caagagaaag tgaatcagct 1260
caaagaacaa gtgagcctac ctggatcatc ctgttcaccc acctcacatt ccagctttaa 1320
ctccagtttt acatcccttt attgccatta actcgttaac ttatgttggc taataaaggc 1380
aaattctatt aaaaaaaaaa
1400

```

```

<210> 763

```

<211> 386  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(389)  
<223> similar to gi4204312 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 763  
aaatacagcg gaaaaaacgaa ggtccttcac cagcgtttta aatcattgca ggaaaaacag 60  
agataaaagtc cgtgtctttt ctttttccac caagtcgctt gacttgctac agcagtactg 120  
tatggctgct gggcttgatt acacgactga cttgatggag agtacaaaat cacaggacag 180  
actcaagatt gtactagagt tcaacagtac acaagatggt aacatttgcc ttgcctctac 240  
aatggctggt ggactagtcc tcaatttctg tcggggccaa tgttggtgta ttattggatc 300  
ctacttgga tccagccaat gatcttcaag ccattgacag agcatatagg actggacaat 360  
gtagagatgt caaagtgcct aagctg 386

<210> 764  
<211> 1008  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (32)...(1008)  
<223> similar to gi4099551 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 764  
acggactgcc ccggtcgacc cacgcgtccg cggagggttcg acctgctgtg gccgccaagc 60  
ccgggcgcg cagaagaaac tcagcaagtc agacatcatg ctggtgcaga gctccaatgt 120  
accagtaac ccggcccagg tgccgataga ggagtccggg ggctttggct cccaccacca 180  
caaccagaat tactgctatc aggtatgcct gacccctgag tccgccaaga ccgacctgat 240  
gtttcttaag ccctgcagcc cttcgcgag tacggacact gagcacaacc cctgcggggc 300  
catcgtcacc ggttacaccg accagcagcc tgatatcatc tccaacggaa gcattttgtc 360  
caacgagact aaacaccagc gagcagagct cagctatcta gttgacagac ctgcgcgagt 420  
taacagttct gcattccagg aagccgacat agtaagctct aaggacagtg gtcattggaga 480  
cagtgaacag ggagatagtg atcatgatgc caccaaccgt gccagtcag ctggtatgga 540  
tctcttctcc aattgcactg aggaatgtaa agctctgggc cactcagatc ggtgctggat 600  
gccttctttt gtcccttctg atggacgcca ggctgctgat tatcgacga atctgcatgt 660  
tcctggcatc catcaaactg gtgctggatg ccttcttttg ccccttctga tggacgccag 720  
gctgctgatt atcgacgaa tctgcatgtt cctggcatgg actctgttcc agacactgag 780  
gtgtttgaaa cttcagaagc ccagcctggc gcagagcggc ctttttccac ctttggcaaa 840  
aagaaggccc ttcacagcac tctggagagg aaggagctgg atggactgct gactaatacg 900  
cgagcgcctt acaaaccacc atatttgact cggaaaagga tatgctagtc aattctacag 960

gacttacctg aagcagcatg atttgcacaa agtcgaccaa caaaagca

1008

<210> 765  
<211> 397  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (31)...(389)  
<223> similar to gill184100 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 765  
ccttggaaga cattgctgag tggatcctgg ccatgccagc tatgccccga gaggacactg 60  
gcttcccagc caaggagcct gtccacaccc agccctcaga gccccagtga caatatcaga 120  
gttggcagcc aggggccttg tgctgcttgg agcacctctg agcgggtgtc tgaatacacc 180  
ccaacacggc ccatattccc atattcagaa tgccgtcccc aggacccgag gctaaagccc 240  
agcccccccg gccctccccc agtcctgccc ttcttcggtt ctgccatccc caagctcatc 300  
tccagccac ccctgcgac tggcctgcac atggcccaaa ggtgcccccc aagggtgaag 360  
ctgggtccct cccaacagcc ctttccactc acgtcct 397

<210> 766  
<211> 2337  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (8)...(2339)  
<223> similar to gil403709 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 766  
tttcgttgca attgcaacga atgggtgtgt gcctgctggt ggctcctact acatgatttc 60  
caggtctctg ggcccagagt ttgggggtgc cgtgggcctc tgcttctacc tgggcactac 120  
ctttgcagga gccatgtaca tcctgggcac catcgaaatc ctgctggctt acctcttccc 180  
agccatggcc atcttcaagg cagaagatgc cagtggggag gcagcagcca tgctgaacaa 240  
catgcgtgtt tacggcacct gtgtgctcac ctgcatggcc actgtggtgt ttgtgggtgt 300  
caagtatgtc aacaagtttg cccttgtctt cctgggttgt gtcatcctct ccatcctggc 360  
catctatgct ggggtcatca agtctgcctt cgacccaccc aacttcccga tctgcctcct 420  
gggtaaccgc acgctgtctc gccatggctt tgatgtctgt gccaaagtgg cttgggaagg 480  
aaatgagacg gtgaccacac ggctatgggg ccttttctgc tcctctcgct tcctcaacgc 540

cacctgtgat	gaatacttca	cccgaaacaa	tgtcacagag	atccagggca	tccctgggtgc	600
tgccagtggc	ctcatcaaag	agaacctctg	gagctcctac	ctgaccaagg	gcgtgattgt	660
ggagaggagt	gggatgacct	cggtgggcct	ggccgatggc	actcctatcg	acatggacca	720
cccttatgtc	ttcagtgata	tgacctccta	cttcaccctg	ctggttggca	tctacttccc	780
ctcagtcaca	gggatcatgg	ctggttctaa	ccgctctggg	gacctgaggg	atgccagaa	840
gtcaatcccc	actggcacca	tcctggccat	cgccaccacc	tctgctgtct	acatcagctc	900
cgttgttctg	tttggggcct	gcattgaggg	ggcgtcctg	cgggacaagt	ttggcgaagc	960
tgtgaatggc	aacctcgtgg	tgggcactct	ggcctggcca	tctccatggg	taattgtcat	1020
cggatccttc	ttctccacct	gtggggctgg	gctgcagagc	ctcacggggg	ccccacgcct	1080
gctgcaggcc	atctcgaggg	atggcattgt	gcccttcctg	caggtctttg	gcatatggcaa	1140
ggccaatgga	gagccgacct	gggccctgct	cctgactgcc	tgcatctgcg	agattggcat	1200
cctcattgca	tcctcgcagc	aggtggcccc	catcctctct	atgttcttcc	tgatgtgcta	1260
catgtttgtg	aatctggcct	gtgcagtgca	gacgctgctg	aggacaccca	actggaggcc	1320
acgctttcga	tattaccact	ggaccctctc	cttcctgggc	atgagcctct	gcctggccct	1380
catgttcata	tgctcctggt	attatgcact	ggtagccatg	ctcattgctg	gactcatcta	1440
caagtacatt	gagtaccgtg	gggcaaagaa	ggagtggggc	gatgggatac	gaggtctgtc	1500
tctcagtgcg	gctcgctatg	ccctcttacg	cctggaggaa	gggccccac	acaccaagaa	1560
ctggaggcca	cagctgctgg	tgctgggtgcg	tgtggacca	gaccagaatg	tggtgcaccc	1620
ccagctgctc	tactgacct	cccagctgaa	ggcagggaag	ggcctgacca	tcgtgggctc	1680
tgtccttgag	ggcaccttcc	tggaaaatca	tccacaggcc	cagcgggcag	aagagtctat	1740
caggcgcctg	atggaggcag	agaagggtgaa	gggcttctgc	caggtggtga	tctcctccaa	1800
cttgctgtgat	ggcgtgtccc	atctgatcca	gtctgggggc	ctcggggggc	tgacgcacaa	1860
cactgtgctt	gttggtgctg	cccgcaactg	gcgccagaag	gaagatcatc	agacgtggag	1920
gaacttcatt	gagctggtcc	gggaaaccac	agctggccac	ttagccctgc	tggtcaccaa	1980
gaacgtttcc	atgtttcctg	ggaacctcta	gcgcttctct	gaaggcagca	tcgaccgttg	2040
ggggattggg	cacgatggag	gcatgctcat	gctggtgccc	ttcctgctgc	ggcaccacaa	2100
ggtctggcgg	aagtgaaga	tgcgatatctt	cactgtggcc	cagatggatg	acaatagcat	2160
ccagatgaag	aaggatctga	ccacatttct	gtatcattta	cgcactactg	cggaggctga	2220
ggtggtggag	atgcatgaga	gcgacatctc	agctttacac	ctatgagaag	acgttggtga	2280
tgggagcagc	gtttccca	tcctcaaaca	gatgcattta	accaagaatg	agcggga	2337

<210> 767

<211> 1788

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1774)...(15)

<223> similar to gi2789430 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 767

gcggccgctc	gcgcgagtgc	acgcggcagc	ggttggtgag	cttggaacttc	tcgctgaagc	60
tcttctcgca	ctcggggcac	ttgaagggcc	gctcgccctg	gtgagtcgc	tggtggcgca	120
gcaggtgcga	ggggcggtg	aagctcttgc	cgcacaggct	gcagatgaag	gagacctcat	180
gcttgcccgc	gtgcacgcgc	tgatggatca	ccaagctgat	gtgcaggcgg	aagctcttct	240
tgactcggg	gcacgtgtag	ggccgctcac	ccgtgtgcgt	gatctggtgt	ttggtcaggc	300
tggacttggtg	gctgaagctg	ctgtcgcaact	cggggcactt	gtagggtcta	gggccaccgc	360
cgccgctacc	agagctgggt	gacttgggac	gcggcttgag	cgctgcttg	gggttgaacg	420

tgggcccgcg	ttcgggtgag	acgcagcctc	cgcgcacgcg	gtggatgcgc	tgggtgcagcg	480
tgagctgttg	cttgtgccgg	aagctgatct	cgcattcggc	gcactcgtag	ggccccctct	540
tgatgtggtt	gcgctggtgg	atgatgaggt	tgatcttcag	gcggaagctc	ttgccgcact	600
ccatgcatgt	gaagggccgc	tcgccgcgcc	ggttccgctg	ctgctggctc	gaggccccgc	660
ggttctcgct	caggtgccgc	tcaccgtgca	cggaggggcg	cagccttttc	actgcgggggt	720
ttcctagctg	cagggggcgg	gggctctcct	cgccctcggg	ggacatctcc	ccgggcagcg	780
gggtctggta	catactggcc	tcatatctcc	cggacagctg	cccaagggat	tgcaagtgct	840
gcggcagctc	atcctcctcc	tcctcttctt	cctcctcgtc	ttgttctctt	gtcttgatca	900
cgatcccctc	cgtgcagttc	ctctgctgca	ccagcatctg	cttcagttcg	ctgaactcgc	960
tggagccttc	cgtggactcc	tccagcgtgt	tctctggctc	ctgcatgtcc	aggtctggct	1020
gttccccaca	ggggtcaccc	agctctgagt	cctggaagcc	gtgctcttcc	acctgtccca	1080
tcaggggctc	aggtgtctcc	aaactttctg	agccctcgtc	gttgggtctgt	acctcgatct	1140
taatcacgat	cccatcgctg	gcagcactgg	gatctgtcgg	cgtttcgccc	tcctcagagt	1200
cttctgctc	ctgcatgggtg	ggccgctccc	cgcgctccat	ctgtgacatg	aggtctgggt	1260
tggaaattgc	atagtccatg	gaaaccagggt	actcgtagtt	gccccctcatc	acgttcttgt	1320
agagctcctt	ctgccactca	gacaggtttc	cccactcctg	ctccgagaag	tgcaacagcaa	1380
catcatcaaaa	tgtgacagggt	accttgggaa	cttctccatt	gctgccgggg	ggcagccgca	1440
ggatccagaa	atcttctgtt	ttcagcaggt	tctccatgtt	ctccagccgc	ctctgcagca	1500
gccatactc	ctgcagcagg	gtcccccaaca	cgacccactt	gctctccaga	tggttcgcga	1560
actccacggc	tgtcttctcg	cagtcggcta	tcttcttttc	atgtgtcccc	gtcctgcctt	1620
ccaggggtcag	tagcctcatg	gcctgggcct	ccagcttctt	ctccactgct	tggacggcag	1680
cccacacagc	caagcgggtg	atctctgccg	tggggagcgg	ctgttctctt	tggactgcag	1740
aagagatctg	gaaaggggtg	tccttttggt	aaaccgcca	cgcgtccg		1788

<210> 768

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(729)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (17)...(728)

<223> similar to gi3043650 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 768

tgaataactt	gttccactag	acagtaaggt	ttcaagacca	accaaatttg	ttgtttcgcc	60
caagaacctg	aagaaagatc	ttgctgaacg	ttggagcctt	cctgagattg	ttgggattcc	120
acaccaatta	tccaaacctc	agcgtcagaa	acagactttg	ccagatgatt	atttgagtat	180
ggacacactg	tatcccggca	gcctacctcc	agaactccgg	gtgaacgcag	atgagcctcc	240
agggcctcct	gagcaagttg	gactttctca	attccatcta	gagcccaaaa	gtcaaaaatcc	300
agagaccctt	gaagacatcc	agtcctcttc	actccaggaa	gaagccccag	cgcagcttct	360
acagctccct	caggaggtag	aaccttcaac	ccagcaggag	gccccagctc	tgcctccaga	420
gtcctctatg	gagagtctag	ctcaaactcc	actgaatcat	gaggtgtcag	ttcaacctcc	480
aggtgaggat	caagctcatt	ataatttgcc	caacattaca	gttaaacctg	cagatgtgga	540



ggttaccatg	acttcagagc	ctaccaatga	gacagaatct	tcccaaacc	agcaggagac	600
cccaattcag	tttccagagg	aggtggaacc	ttctgcaccc	caacaggagg	ccccaattga	660
gcctccagtt	cctcctagga	gcatnngtgt	tccgagagcc	tcaattgtct	catttnnnnn	720
gggggggg						728

<210> 769  
 <211> 4975  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(4975)  
 <223> similar to gi5689519 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 769						
aaggcatcca	ggatgcggtg	cggggcgggc	cggtgcccc	ccgccccgtc	acggcagccg	60
cggcgccga	ggggaccggg	ccagggccgg	ggcgccggc	ccgagcccg	gtagcggcgg	120
cggcgggagg	ggcgccctga	ggcgggacgg	gcggcgcccc	gggttgccgg	ggctcgggtg	180
cgctccgcac	tgcccgccg	gtctcgcccc	cggcgccatg	agtggcgccg	gcgcgggagg	240
gggctcggcg	cccagtcgct	tcgcccagta	ctttgtcatc	tgccgactgg	acacggagac	300
cgggctggag	ccggacgagc	tgctcgccatt	atgccagtac	atacaggctt	ctaaagccag	360
ggatggtgcc	agccctttca	tttcaagtac	gactgaagga	gaaaattttg	agcagacacc	420
attgagaaga	acattcaaat	ctaaggtcct	tgcacgatat	cctgagaacg	tagaatggaa	480
tccctttgac	caagatgcag	taggaatgct	atgtatgccg	aaagggctgg	cattcaagac	540
ccaggctgat	cccagggagc	cccaattcca	tgccctttatt	atcacaaggg	aggatggctc	600
tcggacattt	gggtttgccc	tcacatttta	tgaagagggtg	actagcaagc	agatctgcag	660
tgcaatgcag	accctctacc	acatgcacaa	tgctgagtat	gatgtcctac	atgtccccc	720
tgctgatgac	agagaccaga	gcagcatgga	ggatggtgaa	gacactcctg	tgaccaaact	780
gcagcgcttc	aactcctatg	acattagccg	ggacactctc	tacgtctcta	agtgcactctg	840
cctcatcaca	cccatgtctt	tcatgaaggc	atgtcggagc	gtgctggagc	aactccacca	900
ggcagtcact	tcacctcagc	cccctccact	gcccttgag	agctacatat	acaacgtact	960
ctacgagggtg	ccgctcccac	ctcctggccg	gtccttgaag	ttttctgggg	tctatggggc	1020
aataatctgc	cagagaccaa	gtaccaatga	gcttccccta	tttgactttc	ctgtcaaaga	1080
ggtttttgaa	ctgctcgggg	tggagaatgt	gtttcagctt	tttacttgtg	cccttctgga	1140
gtttcaaate	ctgctctact	cacagcatta	ccagagactg	atgactgtgg	cggagacgat	1200
tacagctctc	atgtttcctt	tccagtggca	gcatgtctat	gtccctattc	tcccagcttc	1260
tctcctgcat	ttcttagatg	ctcctgttcc	atacctgatg	ggtttgcttt	ccaatggcct	1320
ggatgaccgg	tcaaagctgg	agctgcctca	agaggctaac	ctctgctttg	tggacattga	1380
caaccacttc	attgagttgc	cagaggactt	gccacagttc	cccaacaaat	tggagtttgt	1440
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gaatgggaac	attgctggct	cccctttgca	ttcctacgag	cttcttaagg	agaatgaaac	1620
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gcgtgaagac	cccagcagca	ataaggatct	caaagttcag	tgtgatgaag	aagaactcag	1740
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cagggagcaa	atgcaaaact	ttgataaagc	atcttttctg	tcagatcagc	ctgagcccta	1920
cctgccccttc	ctctcaagat	tcctggagac	ccagatgttt	gcacttttca	ttgacaacaa	1980

aataatgtgt	catgatgatg	atgataaaga	ccctgtactc	cgggtatttg	attccccgagt	2040
tgacaagatc	aggctgttga	atgttcggac	acctactctc	cgtacatcca	tgtaccagaa	2100
gtgtaccact	gtggatgaag	cagagaaagc	aattgagctg	cgtctggcaa	aaattgacca	2160
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gaagtttgta	gagggcctgc	tgaaggaatg	ccgcaataag	accaagagga	tgctggtgga	2520
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catccggagg	cttggtacca	tctcacccaa	caacaagccc	aagctgaaca	ctgggcagat	3540
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tccccggaac	atcggaagag	atggcaagtt	tcagatgctg	gtgtgcttgg	gagccagaga	3900
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atgttacact	cactgtaaaa	agaaaactag	gaggattttt	gggaataaat	aatctatttt	4260
agagtttatt	tgctgatttg	cttttttacac	actttcatgt	gaaagagtga	tagggagagg	4320
gagcgaggct	ggtgccgctt	attttgaaagc	tgggtgccctc	cctcgccgtg	gccacatgct	4380
ggaaagcctga	ggcctccctg	gactgagcct	gtggcactgc	gtgcgggaca	gttatgtttc	4440
cttgccccgt	cgcattaatg	aggcccttcc	acatcatttt	taaactaatg	tttttctata	4500
ttaacattat	tatggatatt	tggctttcat	aggccacaca	caggtggtct	gccgcgggaa	4560
gccccagggc	ccccaatcaa	agggattttt	tagtagtgcc	ctcctaagca	agcaccgaat	4620
gagtcagtc	ccacgtattt	tccttttttg	tccagtattg	tttggggaagg	agacatgccc	4680
gggatgtgtc	atcccgtagc	caaataccca	catttccctg	ttggccacag	tttccacaga	4740
agtaaacata	agcatgtttt	aacagggtttt	tccttttctt	ttttcttttt	taaaatgttt	4800
tatttattta	acccgccatt	gtgtgttttt	aagtattttc	tttttttaag	ggaaaggaaa	4860
agcttgtcac	aatctaactg	gctatgttat	tattattaaa	tttatgtttt	gcaacttaga	4920
aaccagctac	agtatggccc	acttaataaa	acacctcaaa	caaaaaaaaa	aaaaa	4975

<210> 770

<211> 346

<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (5)...(337)  
 <223> similar to gi854065 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 770  
 gtagatctgc gtgtgcggttc ggtgtgtggc cggatgtggt ggggtgtgtgc gcggagcacg 60  
 ttttatctgg agtgcttgggt gtgggtgtgta tttgggtttgc gctttgacat gcagcatgtg 120  
 tttgtgtgtg cacgcttata ggttgtatgt ttctgcccga ttatagtggg attatgtggg 180  
 tgcggtttga aggtgggtgt gtgctgttcc tgccgggggt tgtggtcgtg ctgtgggtgag 240  
 tgtatatgtg tgtgcaatgt gtggatgtgt gtgtgcccgt tgaagcttgt gtgcatatgt 300  
 gtggagtgtg tttatgctta aatgcagtgt gccaaaggggg gttaca 346

<210> 771  
 <211> 381  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (79)...(381)  
 <223> similar to gil335199 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 771  
 taaaaagagt aagttggaaa atactcagtg ctgatgagaa agtggggtaa ttgaaactct 60  
 tatacatcat tctaggaaca tccacttagg aaaacaactt ggcagtgtct aataaagtcc 120  
 agtatatgca ttccctataa cccagaattt ttactctcag gtgtataccc aacagaaatg 180  
 caggtgtgtg ttcaccagaa atcatgttca agaatgttca tggatcact agtcatgagg 240  
 cacaaaaact ggaaatgttc atcaacaatg agtaggataa ataagttgtg ttaatattta 300  
 tacaattgaa aattatacag cagaaagaat aaataatcta aacctacaca caacagcatg 360  
 aagaaatctc atgagtggaa t 381

<210> 772  
 <211> 403  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (203)...(406)  
 <223> similar to gi4589576 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 772  
 actgcctgtt acgtgccaag tgctttttgt taaggacata atgtttttga ctgggggatca 60  
 tgtttggtg atgtaaatat taatgccaaa ataggagcta ggatgaaagt aacactgtaa 120  
 ttagtagtag aatttatattc atattaaaaat gtgtcatgac gtaattttta tggcttggct 180  
 caagcaacaa ttttcagagt gcaccctcat tgatgctact cacagagacg tggatgtgct 240  
 gttactgctt tctaactctg cctactacgt ggcctattat gatgatgaag ttgataaagt 300  
 aaaccagtat caacgactaa gtctagaaaaa cctggaaaaa attgaaatag gccctgaacc 360  
 cactcttttt ggtaagccaa aagttctcct gcatgacgact gca 403

<210> 773  
 <211> 357  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (179)...(358)  
 <223> similar to gi29963 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 773  
 cttcctttat taatgattcc atttagcctc acaaatatca gagtaggac cttattgatg 60  
 ttgccttcct gatttacttt atcccataag actgtagata ccattttctgc cttgaagcct 120  
 aaaaactttc tttttattca gaccgagtta cattagtgtc ctaggtttga cgtgctacga 180  
 tggagatgcc actacaggag catgggccta tgtgaggatc ctatcataat gtgggggagt 240  
 agggatggtg aaccccgacg ggtcagctcc atgcagaagg ggggcaacat gaaggagggtg 300  
 tacacccgct tctgtaccgg cctcaccagc attgagactc tcttcaagac tgggggac 357

<210> 774  
 <211> 422  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(424)  
 <223> similar to gi200407 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



<222> (148)...(353)  
 <223> similar to gi3986752 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 776  
 cgccctacac aatggatcga atatactgta tacagctcgt ggatacgtac gcctagcaca 60  
 ggcccccatc tcgaatacat aagatatgaa ggattagtaa cgatacatgc tgagtcagat 120  
 atagagatgg ttcgtcctgc agcgcctcac tccagaggag aggtctacga caacagtgcg 180  
 tgtgagccac ttcgtggagg agttcaagag gaaacacaaa aaggacatca gccagaacaa 240  
 gcgagccgtg aggcggctgc gcgcgcctg cgggagggcc aggaggaccc tgtcgtccag 300  
 caccagggcc aacctagaaa ttgattcact ttatgaaggc attgacttct a 351

<210> 777  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (15)...(322)  
 <223> similar to gil943947 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 777  
 ggcattgccg gtgccagttc aaagccctgc tgtggaagaa ttggctctgc agactcagga 60  
 acccggctct tttccttgct gaattcttct ggcttgtat cctgtttgta attctgacag 120  
 ttcttcgttt tcaagaacct cccagataca gagacatttg ttatttgcag ccccgagatc 180  
 taccagctg tgggtgtatc ccctttgttc aaagccttct ttgtaacact ggatcaaggt 240  
 gtaggaactt cagctatgaa gggatcaatg agcatcattt tcggttaagag aaacacaaag 300  
 atcttttttca gaaatctcag aaagctgata catagaacag gg 342

<210> 778  
 <211> 384  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(377)  
 <223> similar to gi488551 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 778
ggagccaggc cttatgtatg cagcgaatgt gggaaagagt tcagtcggaa acacacactt      60
gttctgcacc aacgaactca cactggagaa aggccttatg agtgcagtga atgtgggaag      120
gccttttagcc aaagctccca ccttaatgta cactggagaa ttcacagcag tgattatgag      180
tgtagcagat gtggtaaagc tttcagctgc atctccaaac tcattcagca ccagaaagtt      240
cactctggag aaaagcctta tgagtgcagc aagtgcggga aagccttcac tcaaagaccc      300
aacctcatca ggcactggaa agtccacact ggggaaaagg ccttatgtgt gtagtgagtg      360
cgggagagaa ttcatccgga aaca                                           384

```

```

<210> 779
<211> 313
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(314)
<223> similar to gil698455 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 779
cccagtagca tcctgaagac aaaacacaat cagagcaatg gttaccaaca ggtagaagtg      60
gtccagtagca agcaaaagag gtccagtagca gagcaaaggc catggcaggg gttttttggg      120
atgctcaagg caatatgcct gctgactttc tcgaggggcca aagaacaata acatctgctt      180
attatgagat gacttggaga aaactagcaa aagatttttag cagaaaaaca cccaggaaag      240
cttctccaaa gagtccttct aaaccatgac aatgttcttg ctcatatttc tcatcaaaca      300
agggcaattt ttc                                                         313

```

```

<210> 780
<211> 684
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (7)...(552)
<223> similar to gil504022 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 780
ggcacgagca ataacaatca cacagaaatt caagaaattt ctttagcatt aaggagtcac      60

```

atgagtaaag	caccaagtaa	tacattccac	ccccaagatt	tctctgatgt	attagtttta	120
ttttgtatgg	gaactctcat	agaacaggga	aggacaattg	gttggaaaga	ctgttctata	180
gctgccagag	actggataag	cgtgaccagt	caacaattcc	acgcaatctc	ctgaagacag	240
atgctgtcct	ttggcagtgg	gccatatggg	aagctgcaca	attcactggg	ctttctaagc	300
tgagaacccc	actgggcaga	gctcaagaca	ccttccagac	aattgaaggt	atcattcgaa	360
gtctcgcagc	tcacacatta	aaccctgac	aggatgttag	tcagtggaca	actgcagaca	420
atgatgaagg	ccatggtaac	aaccaactta	gacttggtct	tcttctgcag	tatctggaaa	480
atctggagaa	attaatgtat	aatgcatacg	agggatgtgc	taatgcatta	acttcacctc	540
ccaaggttgg	tttccatgag	atagtgttgt	tttatagcag	tttaatgggc	acagctggca	600
gtatgtgcag	agctgaaatc	acagtagact	tgtgtatttg	gtttatatat	aggtgagaca	660
tccttaccta	caaattgaac	cagg				684

<210> 781  
 <211> 398  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(393)  
 <223> similar to gi2065210 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 781	
ggtgaaggat	aagttgctgc atttagtccc tcctacaacc aagaaagagc acaatgccta 60
tctggatttc	ggagggaaaca cattcctcat ttgggtgtgt tactccagcc catttatcga 120
gtgagccgaa	aggctgccaa ttttgagtgg agtcagaaac aggagaaggc tctgcaacag 180
gtccaggctg	ctgtgcaagc tgcttggtcca cttgggcat acgaccagc agatccaatg 240
gtgcttgagg	tgtcagtggc agatagggat gctgattgga gctgttggca ggccctcata 300
ggtgaatcac	agtggaggcc tctagaacat tggagcaagg ccctgccctc ttcttcagat 360
aactactctc	cttctgagag agagctcttg ctctgtgcc 398

<210> 782  
 <211> 635  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (277)...(523)  
 <223> similar to gi3327228 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

001210"52738460





```

<400> 784
ggcacgagggg cccaggagga gcaggggggc tccgctgtgc gcaggatcgc ccaggaagtg      60
cagcgctttg cccaggagaa aggtcatgac gccagtcaga tcacactagc cttgggcaca      120
gctgcctcct accccagggc ctgccaggct ctcggggcca tgctgtccaa aggagccctg      180
aaccctgctg acatcacctg cctgttcaag atgttcacaa gcatggaccc tcctccgggt      240
gaacttatcc gcgttccagc cttcctggac ctgttcatgc agtcactctt taaaccaggg      300
gctcggatca accaggacca caagcacaaa tacatccaca tcttggcgta cgcagcaagc      360
gtggttgaga cctggaagaa gaacaagcga gtgagcatca ataaagatga gctgaagtca      420
acgtcaaaag ctgtcgaaac cgttcacaa ttgtgttgca acgagaacaa aggggcctct      480
gaactagtgg cagaattgag cacactttat cagtgtatta ggtttccagt ggtagcaatg      540
ggtgtgctga agtgggtgga ttggactgta tcagaaccaa ggtactttca gctgcagact      600
gaccataccc ctgtccacct ggcgttgctg gatgagatca gcacctgcca ccagctcctg      660
cacccccagg tcctgcagct gcttggttaag ctttttgaga ctgagcactc ccagctggac      720
gtgatggagc agcttgagtt gaagaagaca ctgctggaca ggatgggttca cctgctgagt      780
cgag
784

```

```

<210> 785
<211> 351
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (122)...(351)
<223> similar to gi5262617 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 785
ggcacgagggg tgaagaggaa gcagtacgat gcctacggct ctgcaggctt gggcctgggg      60
ccagcggctc ccagcatagc tactggaagg gagggccccc tgtgaacccc gaggagctgc      120
tcaggaagac cgacggcgaa agatcgctcct gatgctatcg agagcatcat acatgctacg      180
aaaaagccaa ctgggacttc tcaacggcac caattactgc catttagccc acgagctgcg      240
tctcagctgc atggagagga aaaacgtcca gattctaata atggatccct ccgccttggc      300
aagcgaccga tataacctca tactggcaca aaccagacag agaccggatc t              351

```

```

<210> 786
<211> 1468
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (57)...(1468)
<223> similar to gi158591 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

```

<400> 786
gaaaaaagaa gctgccttgt tagtaacggg ctctatgggt tttctcatca agagggtcatg 60
acgccagtca gatcacacta gccttgggca cagctgcctc ctaccccagg gcctgccagg 120
ctctcggggc catgctgtcc aaaggagccc tgaaccctgc tgacatcacc gtcctgttca 180
agatgttcac aagcatggac cctcctccgg ttgaacttat ccgcgttcca gccttcctgg 240
acctgttcat gcagtcactc tttaaaccag gggctcggat caaccaggac cacaagcaca 300
aatacatcca catcttggcg tacgcagcaa gcgtggttga gacctggaag aagaacaagc 360
gagtgaagcat caataaagat gagctgaagt caacgtcaaa agctgtcgaa accgttcaca 420
atgtgtgttg caacgagaac aaaggggcct ctgaactagt ggcagaattg agcacacttt 480
atcagtgtat taggtttcca gtggtagcaa tgggtgtgct gaagtgggtg gattggactg 540
tatcagaacc aaggtaacttt cagctgcaga ctgaccatac ccctgtccac ctggcggtgc 600
tggtatgagat cagcacctgc caccagctcc tgcaccccca ggtcctgcag ctgcttggtta 660
agctttttga gactgagcac tcccagctgg acgtgatgga gcagcttgag ttgaagaaga 720
cactgctgga caggatggtt cacctgctga gtcgagggtta tgtacttcct gttgtcagtt 780
acatccgaaa gtgtctggag aagctggaca ctgacatttc actcattcgc tattttgtca 840
ctgagggtgct ggacgtcatt gtcctcctt atacctctga cttcgtgcaa cttttcctcc 900
ccatcctgga gaatgacagc atcgcaggta ccatcaaac ggaaggcgag catgacctg 960
tgacggagtt tatagctcac tgcaaatcta acttcatcat ggtgaactaa tttagagcat 1020
cctccagagc tgaagcagaa cattccagaa cccgttgttg aaaaaccctt tcaagaagct 1080
gttttaagag gctctggcag cgtcttgaaa atgggcaccg ctgggaggag gtggatgact 1140
tctttacaaa ggaaaatgg agcagcttca gtgagaaact gcccttaca acagtccctt 1200
ctctgctgtc aatccaatac tgctcccaaa tcctgttttc agtgttcatt tccctcaagg 1260
caggcgctgg gctcccacga cccctcagga cagatctggg ccgtcagccg cgggcccgtg 1320
ggaactccac tcggggaact cttttccaag ctgacctcag ttttctcaca agaaccagt 1380
tagctgatgt tttattgtaa ttgtcttaat ttgctaagaa caagttatca gtttaattttt 1440
aaaaaagcct ttctgctggg ttggatta 1468

```

```

<210> 787
<211> 411
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (342)...(0)
<223> similar to gi854065 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 787
tttctctct gatccggctc agctttccag tcagctgcgg aaggagccac gctttcgggg 60
gttgcaagat ggcggccacc agtggaactg atgagccggt ttccggggag ttggtgtctg 120
tgccacatgc gctttctctc ccagcagagt cgtatggcaa cgatgtgagt atgactcacc 180
cacagctccc acccactcag ctagcctggg atctctgcag gacctgcctg ccactaagtt 240
ataacttcac gtcctgataa tctactgcag accctctcca cttacaccag aaactgcacc 300
ttcggttcagt tcgttttaat cttggtccac aaacgcagga ctaacgcctg tggaagtgg 360

```

tccccaagtt ggccacgctt tagaattact ggggagcttt taaacatccc g

411

<210> 788

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4)...(772)

<223> similar to gill29173 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 788

tgagacctgg	ctcatgccac	tgagcagctg	aacatgctca	cagaggcctc	aaaaaacac	60
tcgggggctg	ctgcagtctg	cccaggaaga	actgaccaag	aaggaagccc	tgattcagga	120
acttcagcac	aagctaaacc	aaaagaaaga	ggaagtagaa	cagaagaaga	atgaatataa	180
cttcaaaatg	aggcaactag	aacatgtgat	ggattctgct	gctgaggatc	cccagagtcc	240
taagacacca	cctcactttc	aaacacattt	ggcaaaactc	ctggaaacac	aagaacaaga	300
gatagaagat	ggaagagcct	ctaagacttc	tttggaaacac	cttgtaacaa	agctaaatga	360
agacagagaa	gtcaaaaatg	ctgaaatcct	cagaatgaag	gagcagttgc	gtgaaatgga	420
aaacctacgc	atggaaagtc	agcagttaat	agagaaaaac	tggctcctgc	aaggtcagct	480
ggatgatatt	aaaagacaaa	aggaaaacag	tgatcagaat	catccagata	atcaacagct	540
gaagaatgaa	caagaagaaa	gtatcaaaga	aagacttgca	aaaagtaaaa	tagttgaaga	600
aatgctgaaa	atgaaaagcag	acctagaaga	agtccaaagt	gccctttaca	acaaagagat	660
ggaatgcctt	agaatgactg	atgaagtcca	acgaacccaa	actttggagt	ctaaagcatt	720
ccaggaaaaa	gaacaactga	gatcaaagct	ggaagaaatg	tatgaagaaa		770

<210> 789

<211> 493

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (51)...(494)

<223> similar to gi2564328 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 789

ggcacgagac	ctgctctgta	actcacattg	tgtccttctc	tctccctttc	cttaaccctt	60
cccatcccg	ttcaactcct	ggccatacag	agaatgaaca	gccttccctc	gtttggtttg	120
acagaggaaa	gttttatttg	acttttgaag	gttcttccag	gggacccagc	cccctaacca	180



ctacctaata gggtggtgaa ttaatctcgt gcc

333

<210> 792  
<211> 696  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1)...(677)  
<223> similar to gi2224553 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 792  
agtgccttgc gcaaggaaca ggactcattt ctgagaagga tggacgcagc cccaacaaat 60  
cagacaagga ccacatccgg tggcccatga gtggcgctca tgatcttcag caggcggcac 120  
caggccctgg cggggcgcac cagggtcacc ccaaccagga taaccggacc gtcagccaga 180  
tgctgagcga gcggtggtac accctggggc ccaatgagat gcagaaatac cacgacctgg 240  
ccttccaggt gaaggtggcc cacttgcaac aaggaccgaa agaagtccag ctgagaggcc 300  
aagcccacaa gccagggggt agcaggagtg taacaagggt tcgtgggagc ggagcatatc 360  
agagacgggc actgccactg cccctggggg gtcctctgaa ctccagtcag ttgcagccca 420  
aacacttcag agctcggata ccaaggagca gcttctgttg ggcagaatgg ctgcacacag 480  
tcaggggaacc tggctcagcc tggcccaagc cttctcccac agcgggggtac acagcctgga 540  
cggcagggaa atagaccgtc aggcactacg ggaactgaca cagggtggtg ctggcagtgc 600  
atcatatggt ggcccaaagc catttactaa gtatggagct cccgccctca aggcagtaag 660  
tggtaaagcca ggtaattcgt ggtcagagct cgtgcc 696

<210> 793  
<211> 1089  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1)...(1086)  
<223> similar to gi2370155 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 793  
ccagccacga tagacaagag acgccaagat ggcaccaaca gcagcaaca gccttacagg 60  
agactttcag agagagaatt tgacccaaat aagcactgtg gagtattgga tgccgagaca 120  
aagaaacctt gcacaagatc cctcacctgc aagacacatt cgctaagcca tcggagggca 180  
gtcccaggcc ggaaaaagca atttgacctc ctctggcag aacacaaagc aaagtcccgg 240

gaaaaagaag	ttaaagataa	agagcatctc	ctgacttcca	cgagggaaat	acttccaagc	300
caatccgggc	cggcacagga	ttctctgcta	gggtcttcag	ggagctctgg	gccagaacca	360
aaagttgcat	cccctgcaaa	atccagacca	cccaactctg	tacttcctag	accatcatct	420
gcaaatagca	taagcagcag	cacatcttca	aatcatagcg	gccacactcc	agagcccca	480
ctcccaccgg	ttggagggtga	cctcgccagc	cgactgtcca	gtgatgaagg	ggagatggac	540
ggagccgacg	aatccgagaa	gctagactgt	cagttctcca	cgcaccaccc	cagacctatg	600
gcgttttgct	catttgggag	tcgcctcatg	ggacgagggt	actatgtgtt	tgatagaaga	660
tgggatcggt	ttcgattcgc	actaaactcc	atggtagaaa	aacacctgaa	ttcacagatg	720
tggaagaaga	tccctcctgc	gggcagatag	gccccctgcc	ctcgccagca	gcccacatca	780
ccacccccgt	tccagcatcc	gttttgacgc	ctttcagcaa	ccccagtgtc	gtgtatcttc	840
cttcagctcc	catcagctcg	aggctcacct	cttcttacat	aatgacatca	gccatgctct	900
caaacgcagc	tttcgtgaca	tcgccggacc	cgagcgcctc	catgtccac	accacagctt	960
tccctcatgt	ggccgcaacc	ctcagcatca	tggactcaac	cttcaaggcc	ccatccgccg	1020
tgtccccgat	accagccgtc	atcccttccc	catcccacaa	gccatccaaa	acaaaaacca	1080
gctacgaaa						1089

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<210> 794
<211> 358
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (8)...(48)
<223> similar to gi559160 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 794	
ccatcgcgca	ccgccgcacc
ccaccacccc	ccccctgcct
atcccgctcc	agccactccc
tactcccctc	acttcacctg
ttaagaaagt	gttgctgttt
atttaatggt	tggtagaact
cccccccat	ccccctccc
cctcccgccc	gccaccctcc
tgttcctacg	tcacccccga
atctccccc	tttatcattt
ccagattgta	atttaacttt
tggaatggat	taagattagc
gtctgagtat	gtttttatcc
ctccccctc	ctccccctc
ctctcctgcc	ctctcctgcc
tcctttctca	tcctttctca
ataaaaagag	ataaaaagag
atatctcttc	atatctcttc
ctcgtgcc	ctcgtgcc
	60
	120
	180
	240
	300
	358

```

<210> 795
<211> 602
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(603)
<223> n = a,t,c or g

<220>

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<221> misc\_feature  
 <222> (1)...(589)  
 <223> similar to gi411989 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 795  
 gatgtgatgt gcactgcttt tcatgacaat gaagagacat ttttgaaaaa atactttatat 60  
 gaaattgcca gaagacatcc ttacttttat gccccggaac tcctttttctt tgctaaaagg 120  
 tataaagctg cttttacaga atgttgccaa gctgctgata aagctgcctg cctgttgcca 180  
 aagctcgatg aacttcggga tgaagggaag gcttcgtctg ccaaacagag actcaagtgt 240  
 gccagtctcc aaaaatttgg agaaaagagct ttcaaagcat gggcagtagc tcgcctgagc 300  
 cagagatttc ccaaagctga gtttgagaa gtttccaagt tagtgacaga tcttaccaaa 360  
 gtccacacgg aatgctgcca tggagatctg cttgaatgtg ctgatgacag ggcggaacctt 420  
 gccaaagtata tctgtgaaaa tcaagattcg atctccagta aactgaagga atgctgtgaa 480  
 aaacctctgt tggaaaaatc ccaactgcatt gccgaagtgg aaaatgatga gatgcctgct 540  
 gacttgcctt cattagctgc tgatttttgt tgaaagtaag ggtgttttgc caaancttat 600  
 gg 602

<210> 796  
 <211> 334  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(335)  
 <223> n = a,t,c or g  
 <220>  
 <221> misc\_feature  
 <222> (12)...(334)  
 <223> similar to gi551324 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 796  
 caccccaaca ccacacaaa cacccaaacc cccacccaac aacccaaaac acaccacac 60  
 acacaccaca accaccccac aaaaccaacc acccnccaac accaaacaac cacaaccacc 120  
 aacaaacaaa cccacacaac cccacaccaa acaaaacaca ccaacccaca aaacnnanan 180  
 aannannacn ncncaaaaa ccnngtcaca taatcnccac atccctattc atctcagtgt 240  
 tgacatctgt tgactgtctt ttctcattca agttgttatt ttctccattc ttgctatgat 300  
 gagtggtttt tctactgtgt ccagttctcg tgcc 334

<210> 797



<211> 238  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(241)  
 <223> similar to gi2280514 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 797  
 cacatgcact cacaccacat gcactcacac acaccacatg cactcacaca caccacatgc 60  
 actcacacca catgcattca cacacacacc acatgcactc acaccacatg cattcacatg 120  
 caccacatgc actcacacca cagcatgca ctcacacaca ccacatgcac tcacaccaca 180  
 tgcaactcaca ccacatgcat gcactcacac cacatgcatg cactcacaca ccacatgc 238

<210> 798  
 <211> 549  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (8)...(552)  
 <223> similar to gi818867 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 798  
 cttctagatg ttagagacac aagcggccca tctgtgttca cagcaatcta aacaagaatt 60  
 ccttaggggtc tcctttgcta ggtccagttg ttccaggacc atctccaatc ctttctgtta 120  
 ctgaaaagag gttatcatct ggccaaaata aagcttcagg caagaggcaa agatccagtg 180  
 gaatatggga gaatggtaga ggaccaacac ctgctacccc agagagcttt tctaaaaaaa 240  
 gcaagaaagc agtcatgagt ggtattcacc ctgcagaaga cacggaaggt actgagtttg 300  
 agccagaggg acttccagaa gttgtaaaga aagggtttgc tgacatcccg acaggaaaga 360  
 ctagcccata tatcctgcga agaacaacca tggcaactcg gaccagcccc cgcttggtg 420  
 cacagaagtt agcgtatcc cactgagtc tcggcaaaga aaatcttgca gagtccctca 480  
 aaccaacagc tgggtggcagc agatcacaaa aggtcaaagt tgctcagcgg agcccagtag 540  
 attcaggca 549

<210> 799  
 <211> 354  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(251)  
 <223> similar to gil469888 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 799  
 ggcacgagca ggccattctg gaggaaca aggagaagct gccacttgac atcaaccccg 60  
 tgggtgcaccc acactggcac atctttaagg actacacgga cgtgcacccat gtggacagac 120  
 atttctaata caccgcgct ttaccctcac ctatagtgac gcggacgccc agatgctgta 180  
 caacttctca cacttcaatg tctacccgaa attcatacag gataagccaa gggcactcat 240  
 gagacaggaa tgatgggagt acctgcacat tgccttctg aggcctgaca gctttacttt 300  
 attgtccaca tggatatacc gatctgggga gcatataact ttattgtct atct 354

<210> 800  
 <211> 314  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (10)...(181)  
 <223> similar to gi3021428 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 800  
 ggcacgagca tctacctagc acatcgtgtg gccgcgggct tgggaattgg cccagttcat 60  
 ccaccacaca tccaagaagg cagacgtggt tctggcgtgt ggcgactcta tcgtgcatcc 120  
 cgaggacctg atctgctgtc cgctgacggg gaggagtgtc ctatgtgatg ttcactact 180  
 ctgctctctc ctagctcgtc tcggtagagg ttatgctgtc tctctgacta atctctagga 240  
 gttctgctgc cacgctcgtc tctgctgttg ctgctcttct gttggctctt gcgtactctt 300  
 cgacggcatc tctg 314

<210> 801  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (200)...(334)  
 <223> similar to gi4995271 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 801  
ggcacgagaa ctggaccttt atgttctagg aatttccact tgatgccttc aggatagcgc 60  
tcttcttccc acctttaaaa gacaaagcac agcctcattt agtgatcgcc ttgtctaaca 120  
tggggatcat cactgattaa atgccaata attatccgct caactgatta gtgctctgga 180  
atgacttctg ggccctcacat tcaaggcctg gatcaaaaga accagtgtct ctcattttgc 240  
aattagccaa tgtcttcaag tatcatgaat tactagtgat aattatcgat aattcctctt 300  
gctgtcgtat atcttgctat tatgtaccgc actcatccc 339

<210> 802  
<211> 422  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(423)  
<223> n = a,t,c or g  
  
<220>  
<221> misc\_feature  
<222> (187)...(422)  
<223> similar to gi232583 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 802  
ggcacgagct tggctccatc cgctttgggg tttccagtct ttgttgaggt caggactctc 60  
aaaagaaggg aacgcgttat aggggcccac actggatttg gggactgcaa aggcgagcag 120  
cgctcggtca gtttatctcc tgggaacgca ccaggagtgt ggacacgcg ggagctgggt 180  
cgggtgctcct ggaggtaac ggcttggtcc cgggtgcagac ggagactgc ggaggaacgg 240  
gaggccgaga ggagcaagc gaaccgcatc ctctgtgagtt gcagcaggag gcctatcata 300  
agagcctggc acagccgctg cccgctgacc ctctgtgagtt gcacaactcg tcgctcttcg 360  
ccctgcagaa tctgncagcc ggggtctgacg actcgaccan natcacttac gtnnaactgg 420  
tg 422

<210> 803  
<211> 380  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature

<222> (1)...(381)  
 <223> n = a,t,c or g  
 <220>  
 <221> misc\_feature  
 <222> (117)...(370)  
 <223> similar to gi545998 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 803  
 ggcacgaggg gctttgggcc ggggtgttgcg aatgtgaagg cttgagtaac cttccgtcaa 60  
 ggagctccca gtcttggtga ggataccaag acgtaggcag ttactgtaca gcttggacga 120  
 tgccggttgt gatcttcttg cactgggaga accagtcctt caatgcctta gtcaactaca 180  
 ccaacatgaa tgcggcttca cccacatcat tcagaaagcg ccgtccttgg agggccgatg 240  
 cgtgcccttt gccgctgttg ctgcggtga ctgtgtcaat atccccatga tgcgacagct 300  
 ggagcttatc aagggaattt gcgtgaatga cacgaatgtt tatgagattt gtcattcccg 360  
 gaaagcatga gtcataagcn 380

<210> 804  
 <211> 347  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(350)  
 <223> similar to gi5689387 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 804  
 ggcacgaggt gagcgtattc tttctagaga agcaccaaag gagctaaagc ggcagcccat 60  
 gtcccttggg tatttgggat caactgtcaa agctgaaaat cttcctcagt ggttttggac 120  
 atcgtgttcc caggctcaaa aacagtgcc tttcttatta aaggctacga tgcattacca 180  
 catttcagta gcacagacag acgaaattct gcctgccagg aattctaagc ggtttccaca 240  
 ccctattgac tccaaaacca ggttgaatgt ttttaaggttc gatttggagc agtacaacgc 300  
 tctgatcctg gctcacgtgc aatacggcca cccaagaccg taattcc 347

<210> 805  
 <211> 1376  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(1375)  
 <223> similar to gi2078282 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 805

cttcagaaca	aattgccaaa	agccagagtt	gtttatgcta	gtgcaactgg	tgcttctgaa	60
ccacgcaaca	tggcctatat	gaaccgtctt	ggcatatggg	gtgagggtag	tccatttaga	120
gaattcagtg	attttattca	agcagtagaa	cggagaggag	ttggtgccat	ggaaatagtt	180
gctatggata	tgaagcttag	aggaatgtac	attgctcgac	aactgagctt	tactggagtg	240
accttcaaaa	ttgagggaagt	tcttctttct	cagagctacg	ttaaaatgta	taacaaagct	300
gtcaagctgt	gggtcatcgc	cagagagcgg	tttcagcaag	ctgcagatct	gattgatgct	360
gagcaacgaa	tgaagaagtc	catgtggggg	cagttctggt	ctgctcacca	gagggtcttc	420
aaatacttat	gcatagcatc	caaagttaaa	agggttgtgc	aactagctcg	agaggaaaatc	480
aagaatggaa	aatgtgttgt	aattggtctg	cagtctacag	gagaagctag	aacattagaa	540
gctttggaag	agggcggggg	agaattgaat	gattttgttt	caactgccaa	aggtgtgttg	600
cagtcactca	ttgaaaaaca	ttttcctgct	ccagacagga	aaaaacttta	tagtttacta	660
ggaatcgatt	tgacagctcc	aagtaacaac	agttcgccaa	gagatagtcc	ttgtaaagaa	720
aataaaataa	agaagcggaa	aggtgaagaa	ataactcgga	gaagccaaaa	aagcacgaaa	780
agtaggtggc	cttactggta	gcagttctga	cgacagtgga	agtgaatctg	atgcctctga	840
taatgaagaa	agtgactatg	agagctctaa	aaacatgagt	tctggagatg	atgacgattt	900
caaccatttt	ttagatgagt	ctaattgagga	tgatgaaaaat	gatccctggg	taattagaaa	960
agaccacaag	aaaaacaaaag	agaaaaaaaa	gaagaaaagt	atagatccag	attctattca	1020
aagtgcctta	ttagcatcag	gtcttggtatc	aaaacgacct	agtttttcat	ctacaccagt	1080
tatctcacct	gctcctaaca	gtacaccagc	taacagtaac	accaacagta	acagtagcct	1140
tataacaagt	caggatgctg	tggaaggggc	tcagcagatg	aagaaagacc	tgcttgataa	1200
gctagaaaaa	ttagctgaag	acctcccccc	taataccctg	gatgaactta	tcgatgaact	1260
tgggtggccct	gagaacgttg	ctgagatgac	tggccgcaag	ggacgggttg	tgagcaatga	1320
tgatggaagc	atatcttatg	agtcaagatc	tgaacttgat	gtgcctgtgg	aaataa	1376

<210> 806  
 <211> 697  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (81)...(699)  
 <223> similar to gi5802812 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 806

ggcacgagcg	aatgaatgaa	ttgtggcctc	aggaaccacg	agcgcagtgg	gtagcaccag	60
gacaacataa	ggctgcactg	ccatctaata	ttaatgaatc	gccattacag	tttactattc	120
ggcaggctag	attagccgga	gatcttgatg	cctggcagtt	tgacagtagt	ttgcaacccc	180
cacgacagca	aggtggagcc	catcaagcgg	tatgggaacc	attttctttt	aagctgctca	240
aagatcttaa	agcagctggt	ggtcagtatg	gtcccaattc	gcctttcatc	cgatcgctat	300

tgcaatctgt	ggctcagaat	aagctattga	ctccgtgtga	ttgggagatt	ttaacgaaag	360
ttacactttc	gccctcccaa	tttcttcagt	ttaagacttg	gtggaccgac	gaggctcaaa	420
atcaagatcg	aaaaaaccgt	gctgctaata	ctgctattgc	cattacattt	gaacaacttc	480
taggaatagg	gggtcaatgg	ggaactgtaa	acaacccatca	ggacttcgag	atgatgccat	540
tgaacaaatt	cgcaattgct	gtttgagggc	atgggagaaa	attcaggatc	tgggaactac	600
ttatcagtct	tttaattcta	ttagacaagg	ctcaaaggaa	ccatatcctg	atttcattgc	660
tcgccttcaa	gacgcagcac	agaaggctct	cactgat			697

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<210> 807
<211> 381
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(264)
<223> similar to gi3059135 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 807						
gagaaaaaca	gagagatgct	ggacatctta	ataaagcatc	tggtcaaagt	atcactacac	60
agccaacaaa	atctcatgac	tgtctcaaata	cttgggtgtca	tatttggcc	aactctaata	120
agagcacagg	aagaaactgt	ggctgctatg	atgaatatta	aatttcagaa	tattgtggta	180
gaaatttctga	gaggccctat	gaaaagattt	ttcatactgc	tccagaccca	agcattcctc	240
ttcctcagcc	tcagtctcga	tctggatcag	tatgaacaat	attttcatag	cgctctatca	300
gaagattttt	cctactgctc	cagaccccag	cattcctggt	cctcagcctt	aggctcagtc	360
tggatcccga	atgacacgag	c				381

```

<210> 808
<211> 831
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(831)
<223> similar to gi431420 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 808						
tgggggttat	caggaatgca	ctcagctctc	agggaaatagg	gatgtcctcc	tctgcaaaaa	60
gttggagcag	aagaatccac	tactggtga	tttctcctgc	ccctctgggt	actccccggt	120
gcacctgtta	tcccagatcc	acgaggaggg	ttacaaccac	ctggagtgtc	atcgaaagtg	180

```

cactctcctc gtcttctgca agaccgtgtg tgaagatgtg ttccaggtgg caaaagctga 240
atttagggct ttttgggtgtg tggccagcag ccaagtacct gaaaactcag gactgctttt 300
tgggggcctc ttcagcagca agagcataaa ccccatgaca aatgcacagt catgcccagc 360
cggctacttt cactgagac tctttgaaaa cctcaaggta tgtgtttctc aggactatga 420
gttgggaagc aggtttgctg tccccctttg cggttcttt agctgcacag ttgggaaccc 480
cctggtagat cctgctatat ccagagattt aggggcactg tctctgaaaa agtgccccgg 540
gggcttcagc cagcaccag ccctcatcag cgatggatgc caagtgtcct attgctgcaa 600
atccgggctc ttcacaggag ggtccctgcc ccctgccagg ctcccacctt tcacccggcc 660
accctcatg agtcaggctg ccaccaatac tgtcatagtg accaattctg agaatgcgag 720
atcctggatt aaagactccc agaccacca gtggaggctg ggagaaccga tagagctgcg 780
gagggccatg aatgtcatcc atggggatgg tgggtggtctg tcaggagggg c 831

```

```

<210> 809
<211> 1069
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(801)
<223> similar to gi4378889 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 809
agctggctac tatttggact ctggctgacg ttgatggtga tggacagcta aaagcagaag 60
agttttattct ttgcaatgcc cccttaccgg caatggccaa gctgggcagg cccaatacca 120
ctgactttac ctctgagct tgttcctcca tctttcagag gaggaaagca aattgattcc 180
attaatggaa ctctggcctt catatcagaa aatgcaagaa gaggagcctc agaagaaatt 240
accagttact tttgaggaca aacggaaagc caactatgag cgagggaaca tggagctgga 300
aaagcgacgc caagccttga tggagcagca acaaaggag gcagaacgta aagcccagaa 360
agaaaaggaa gagtgggaac gaaaacagag agaattaca gaacaagaat ggaagaaaca 420
acttgaatta gaaaaacgct tagagaagca acgggaattg gagagacaac gagaggaaga 480
aaggagaaaa gacatagaaa gacgagaggc agcaaaacag gaacttgaac gacaacgtcg 540
cttagaatgg gagagaattc ggcgacagga gcttctcaat caaaagaata gagaacaaga 600
agaaattgtc aggttaaact ctaaaaagaa gaatcttcat cttgagttgg aagcactgaa 660
tggcaaacat cagcagatct caggcagact tcaggatgtc cgactcaaaa agcaaaactca 720
aaagactgag ctggaagtgc tggataagca gtgtgacttg gaaattatgg aaatcaagca 780
acttcaacag gaacttcagg taagtccttc actgctaaat tgttcttaaa catgtacaat 840
taatagttct tctgggctgg gcacggtggc tcacggctgt aatgctagca ctttgggagg 900
ctgaggcggg tggatcccct gaggtcagga gttcgagacc agcccagtca gcagggcaaa 960
accccgctct tactaaaaat acaaaaaaat tagctgggta tgggtggcgca tgccctgtaat 1020
cccagcaact cgggaggctg aggcaggaga atcgcttgat tctgggagg 1069

```

```

<210> 810
<211> 334
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(334)

<223> similar to gi2723316 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 810

ccagtcctca	acccttacta	cacataagaa	agttcatact	ggagagaaac	gctacagatg	60
tgaagaatct	ggcaaagcct	ttaagctgcc	tctaacctta	ctacacataa	gataattcac	120
actggagaga	aaccctacag	atgtagagaa	cgtggcaaag	cttttaacca	cccctcacc	180
cttttttcac	ataagaaaat	tcttattgga	gagaaacat	acaagtgtgt	taaagtgtgc	240
aaagccttca	tttcatcctc	aacccttatt	aaacatgaga	taattcatag	aaactctaca	300
aatgtgaaga	atgtggcaaa	attttaactg	ttcc			334

<210> 811

<211> 374

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (10)...(364)

<223> similar to gil61970 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 811

cagaactctc	tccgctcctc	ctttgactcg	tgcggagaac	tccatccgct	cccctctcga	60
ctcctgcagg	taactccatc	cactcctccc	tcaactcctg	cgggtaactc	tgtccactcc	120
tccctcgact	cctgcaggta	actcagtcca	ctcctccctc	gactcctgca	ggtaactccg	180
tccgctcctc	cctcgactcc	tgcgggtaac	tccatccgct	tctccctcga	ctgctgtggg	240
taactccatc	cactcctccc	tgaactcctt	caggtaactc	tgtccgctcc	tccctcgact	300
cctgcgggta	gctccgtcca	ctcctccctc	gactcctgtg	ggtaactccg	tccactcctc	360
cctcaactcc	tgcg					374

<210> 812

<211> 387

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature